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*INSTITUTE REPORT NO. 434*

# Toxic Potential of Nitroguanidine on Reproduction and Fertility in Rats

(Volume 2 of 2)
(Part 2)

V.G. Coppes
C.L. Gomez
C.B Clifford
S. Ferraris
and D.W. Korte, Jr.

MAMMALIAN TOXICOLOGY BRANCH
Division of Toxicology

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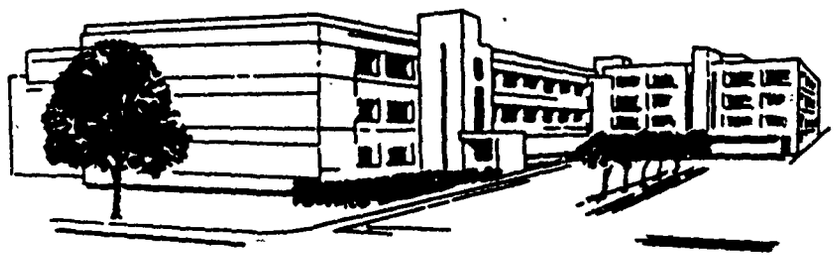

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19. ABSTRACT (Continue on reverse if necessary and identify by block number)
The potential of nitroguanidine to produce reproductive and fertility toxicity was evaluated in Sprague-Dawley rats. Nitroguanidine was mixed into the diet at 0, 1.3, 4.0, and 12.7 parts per thousand (ppt). In young adult rats these dose levels in ppt approximated the 100, 316, and 1000 mg/kg/day nitroguanidine dose levels in developmental toxicity studies in rats and rabbits. The diet was fed to the parental males and females starting at 56 to 58 days of age and continued throughout their lives and to the F1 and F2 generation animals. Parental males and females were paired for mating. All matings were within the same dose group. The parental males and females that did not breed were euthanized after the mating period. Litters were examined and weighed at 0, 4, 7, 14, and 21 days of age. On day 4 litters of more than 8 pups were culled to 8 remaining pups, 4 males and 4 females if possible. When the pups were weaned at 21 days of age, 1 male and 1 female from each →

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19 (cont.) litter were selected to continue as parents for the next generation. ~~Pups not selected and dams were euthanized.~~ When the $F_1$ animals were 20 weeks old the breeding procedure was repeated. The $F_2$ pups and dams were euthanized at weaning. Nitroguanidine caused a decrease in some of the weekly body weights in the high dose animals, but the decrease was not consistent throughout the study. Terminal body weights were lower for the high dose $F_1$ males and females and low dose $F_1$ females. There were no dose-related effects on clinical signs, mating, fertility, gestation, litter size, pup weights or survival. Histopathological examination of the reproductive organs on adult animals and gross examination of weanlings showed no lesions attributable to nitroguanidine in any of the generations. (EDC)

# Appendix O: PATHOLOGY

## GLP Study #87-012

Principal Investigator: Valerie G. Coppes, BS
Co-Principal Investigator: Charlotte Gomez
Study Pathologist: Charles B. Clifford, DVM, PhD, MAJ, VC

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## I. INTRODUCTION

Study: Reproductive and Fertility Toxicity Test in Rats
Test Compound: Nitroguanidine.
Animal: Rattus norvegicus, Sprague-Dawley, 5 week, 100-250 gram, Male and Female.

Dosage Groups:

| | Dose |
|---|---|
| Group 1 (Control) | 0.0 ppm |
| Group 2 | 1.3 ppm |
| Group 3 | 4.0 ppm |
| Group 4 | 12.7 ppm |

Generational Subgroups

| | |
|---|---|
| Subgroup 1 | Parental |
| Subgroup 2 | Offspring ($F_1$) |

Reference: SOP-OP-STX-79

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Justification
By
Distribution /
Availability Codes
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## II. SUMMARY OF PATHOLOGY PROCEDURES

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Euthanasia: Sodium Pentobarbital, Intraperitoneal.
Fixative: 10% Neutral Buffered Formalin.
Histopathology: Routine.
Other Procedures: Terminal Body Weights.

III. PUPS: Some of the $F_1$ generation were selected for dosing and to be the parents of the $F_2$ generation. The remainder of the $F_1$ generation and all of the $F_2$ generation were sacrificed at 22 - 24 days of age. Terminal body weight, age at sacrifice, and date of sacrifice were recorded, these data are listed in Pathology Annex A. The first seven characters in a pup's animal identification number are those of the dam, the next character identifies the sex of the pup, and the last one or two characters are the number of the pup in its litter. Gross lesions were observed in only two pups of the 822 examined. 87D0868F2, from the $F_2$ high dose group, had a focal subcapsular cyst on the middle lobe of the liver. Microscopically, mild subcapsular telangiectasis was observed. 87D0952F4, from the $F_2$ control group, had yellow-white foci visible on the surface of the liver. Microscopically, although no lesion was observed, subcapsular foci of extramedullary hematopoiesis were especially prominent, and probably accounted for the gross observation.

IV. TERMINAL BODY WEIGHTS (ADULTS): Terminal body weight data are summarized for all females in Pathology Table 1. Pathology Table 2 has terminal body weight data for the parental generation for the females, and Pathology Table 3 has these data for the $F_1$ generation. Pathology Tables 4, 5 and 6 have similar information from the males. In these and other Pathology Tables, data are listed as being in two Xybion studies on the computer: 87012F for the females; 87012M for the males. Body weight data were analyzed by analysis of variance, and where the F probability was less than 0.05, differences between dosed and control groups were analyzed by Fisher's least significant difference method. In both the males and the females, there was a significant difference in terminal body weight between the high dose groups and the controls, due largely to decreased body weights in the $F_1$ high dose groups. The $F_1$ low dose (Group 2) females also had a significant decrease in body weight. No morphologic reason was observed to explain this variation. No other significant differences in terminal body weights were noted, either between generations or among dosage groups.

Appendix O (Cont.): PATHOLOGY

V. GROSS FINDINGS (ADULTS): Incidence summary reports of gross lesions for all deaths are listed in Pathology Tables 7, 8, and 9 for females and in 10, 11, and 12 for males. Congestion of the liver was observed more frequently in the $F_1$ generation males than in the parental generation males, but differences among treatment groups were not significant and the change in the frequency of this observation was attributed to changes in necropsy personnel and possibly in stringency of grading criteria. Histologically, these livers were normal. No other differences among treatment groups or between generations were significant.

VI. MICROSCOPIC FINDINGS (ADULTS): Tissues saved for microscopic examination from all groups were: Pituitary gland and gonads from both sexes; uterus and vagina from females; epididymis, seminal vesicle, coagulating gland and prostate gland from males. All lesions noted at gross necropsy were also saved for microscopic examination.

One animal, an $F_1$ male, 87D00941, from dosage group 2, died on study. Tissues were moderately autolytic and the cause of death was not determined. Data from this animal are included in Pathology Annex C, and in all appropriate Pathology Tables.

All tissues were examined from groups 1 (control) and 4 (high dose). Lesions were graded on a subjective severity scale of 1 = slight, 2 = mild, 3 = moderate, 4 = marked, and 5 = severe.

Pathology Tables 13, 14, and 15 list the incidence summary of all microscopic observations of tissues from all females, parental females, and $F_1$ females, respectively. Pathology Tables 16, 17, and 18 have similar information from the males. Based on results of Kolmogorov-Smirnov two-tailed analysis (95% confidence level) of microscopic findings, no lesion was significantly more frequent in a treated group than in the control group, from either sex. One lesion, however, lymphocytic inflammation in the prostate, was significantly less frequent in the high dose parental males than in the parental control group, see Pathology Table 17, and was also lower than in the $F_1$ high dose males, by Fisher's exact two-tailed test (BMDP Statistical Software, Los Angeles, CA). Prostate, therefore, was examined from males in all dosage groups in both generations. Lymphocytic inflammation was observed in prostates of intermediate dose group males from both generations less frequently than in the control groups, and the $F_1$ high dose males had a slightly higher incidence of this lesion than the $F_1$ male control group, but none of these differences were significant. Most lesions in the prostate, as well as in other organs, were graded as either slight or mild. Lymphocytic inflammation of the prostate and other accessory sex glands is common finding in rats (1, 2, 3), and considered in this study to be unrelated to treatment. The low incidence in the high dose parental males is considered to be by chance alone, or possible slight change in sampling location or other methodologic variation, and not reflective of a protective effect of nitroguanidine.

No significant differences were observed in the incidence of any lesion in either sex between generations.

Pathology Annex B contains the Individual Animal Reports, with terminal body weight data, and gross and microscopic findings, for all females, organized by dosage group and animal number. Pathology Annex C contains similar information for the males. Pathology Annex D contains a glossary of microscopic diagnoses.

VII. SUMMARY COMMENTS: No lesions were observed in these animals which were attributable to treatment. Lesions which were observed were generally slight to mild, and were considered to be incidental findings of little or no clinical significance.

Charles B Clifford

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MAJ, VC
Diplomate, ACVP
Division of Military Trauma Research
12 February 1990

Appendix O (Cont.): PATHOLOGY

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## Appendix O (Cont.): PATHOLOGY

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Summary Statistics for Terminal Body Weights (kgs)
Study Number: 87012F
Report includes all dead animals (All subgroups)
Study Start Date: 21-Jul-87

PRINTED: 05-Dec-89
Page: 1

TERATOLOGY/

Female Animals
Controls from group(s): 1
Data non-homogeneous by Bartlett's test (modified t test)

| Group | Control | 2 | 3 | 4 |
|---|---|---|---|---|
| Number/group | 60 | 55 | 57 | 52 |
| Mean | 0.33 | 0.32 | 0.32 | 0.31 |
| Standard deviation | 0.04 | 0.03 | 0.04 | 0.03 |
| Group diff.@ P=.05 | | 0.01 | 0.01 | 0.01* |
| Group diff.@ P=.01 | | 0.02 | 0.02 | 0.02* |

Analysis of variance: F ratio = 3.20 Df = 3/ 220 F probability = 0.024
Note: a * indicates group mean is significantly different from control at level of significance shown.

**Pathology Table 1**
**Maternal Females**

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Summary Statistics for Terminal Body Weights (kgs)
Study Number: 87012F
Report includes all dead animals (Subgroup:
Study Start Date: 21-Jul-87

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TERATOLOGY/

Female Animals

Controls from group(s): 1 Data homogeneous by Bartlett's test (Fischer's lsd test)

| Group | Control | 2 | 3 | 4 |
|---|---|---|---|---|
| Number/group | 34 | 35 | 34 | 34 |
| Mean | 0.31 | 0.31 | 0.30 | 0.30 |
| Standard deviation | 0.03 | 0.03 | 0.03 | 0.03 |
| Group diff.@ P=.05 | | 0.01 | 0.01 | 0.01 |
| Group diff.@ P=.01 | | 0.02 | 0.02 | 0.02 |

Analysis of variance: F ratio = 1.74 Df = 3/ 133 F probability = 0.160
Note: a * indicates group mean is significantly different from control at level of significance shown.

## Pathology Table 2
## Maternal Females - Parental Generation

## Appendix O (Cont.): PATHOLOGY

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Summary Statistics for Terminal Body Weights (kgs)
Study Number: 87012F
Report includes all dead animals (Subgroup:
Study Start Date: 21-Jul-87

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TERATOLOGY/

Female Animals
Controls from group(s): 1
Data non-homogeneous by Bartlett's test (modified t test)

| Group | Control | 2 | 3 | 4 |
|---|---|---|---|---|
| Number/group | 26 | 20 | 23 | 18 |
| Mean | 0.36 | 0.33 | 0.34 | 0.33 |
| Standard deviation | 0.04 | 0.03 | 0.04 | 0.02 |
| Group diff.@ P=.05 | | 0.02* | 0.02 | 0.02* |
| Group diff.@ P=.01 | | 0.03 | 0.03 | 0.03* |

Analysis of variance: F ratio = 3.28 Df = 3/ 83 F probability = 0.025
Note: a * indicates group mean is significantly different from control at level of significance shown.

**Pathology Table 3**
**Maternal Females - $F_1$ Generation**

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RAT/

Summary Statistics for Terminal Body Weights (kgs)
Study Number: 87012M
Report includes all dead animals (All subgroups)
Study Start Date: 21-Jul-87

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TERATOLOGY/

Male Animals
Controls from group(s): 1 Data homogeneous by Bartlett's test (Fischer's lsd test)

| Group | Control | 2 | 3 | 4 |
|---|---|---|---|---|
| Number/group | 51 | 46 | 48 | 42 |
| Mean | 0.56 | 0.55 | 0.54 | 0.53 |
| Standard deviation | 0.06 | 0.07 | 0.06 | 0.05 |
| Group diff.@ P=.05 | | 0.03 | 0.03 | 0.03* |
| Group diff.@ P=.01 | | 0.03 | 0.03 | 0.03 |

Analysis of variance: F ratio = 2.07 Df = 3/ 183 F probability = 0.104
Note: a * indicates group mean is significantly different from control at level of significance shown.

## Pathology Table 4
## Males

## Appendix O (Cont.): PATHOLOGY

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Summary Statistics for Terminal Body Weights (kgs)
Study Number: 87012M
Report includes all dead animals (Subgroup:
Study Start Date: 21-Jul-87

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TERATOLOGY/

Male Animals
Controls from group(s): 1 Data homogeneous by Bartlett's test (Fischer's lsd test)

| Group | Control | 2 | 3 | 4 |
|---|---|---|---|---|
| Number/group | 25 | 25 | 25 | 24 |
| Mean | 0.51 | 0.50 | 0.50 | 0.51 |
| Standard deviation | 0.04 | 0.04 | 0.05 | 0.05 |
| Group diff.@ P=.05 | | 0.03 | 0.03 | 0.03 |
| Group diff.@ P=.01 | | 0.04 | 0.04 | 0.04 |

Analysis of variance: F ratio = 0.56 Df = 3/ 95 F probability = 0.649
Note: a * indicates group mean is significantly different from control at level of significance shown.

## Pathology Table 5
## Males - Parental Generation

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Summary Statistics for Terminal Body Weights (kgs)
Study Number: 87012M
Report includes all dead animals (Subgroup:
Study Start Date: 21-Jul-87

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Male Animals
Controls from group(s): 1 Data homogeneous by Bartlett's test (Fischer's lsd test)

| Group | Control | 2 | 3 | 4 |
|---|---|---|---|---|
| Number/group | 26 | 21 | 23 | 18 |
| Mean | 0.61 | 0.61 | 0.58 | 0.57 |
| Standard deviation | 0.04 | 0.06 | 0.04 | 0.04 |
| Group diff.@ P=.05 | | 0.03 | 0.03 | 0.03* |
| Group diff.@ P=.01 | | 0.04 | 0.04 | 0.04* |

Analysis of variance: F ratio = 3.95 Df = 3/ 84 F probability = 0.011
Note: a * indicates group mean is significantly different from control at level of significance shown.

## Pathology Table 6
## Males - $F_1$ Generation

## Appendix O (Cont.): PATHOLOGY

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Incidence Summary Report for Gross Necropsy Observations
Study Number: 87012F
Report includes all dead animals
Study Start Date: 21-Jul-87

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| | -- Females -- | | | |
|---|---|---|---|---|
| | Ctls | 2 | 3 | 4 |
| | 60 | 55 | 57 | 53 |
| **LIVER** | | | | |
| CONGESTED | 1 | 0 | 1 | 0 |
| WHITE AREAS ON CAPSULE | 1 | 0 | 2 | 0 |
| **LUNGS** | | | | |
| WHITE FOCI | 0 | 0 | 0 | 1 |
| RED FOCI | 0 | 0 | 1 | 0 |
| **TAIL** | | | | |
| DIARRHEA STAINING | 1 | 0 | 2 | 0 |
| **UTERUS** | | | | |
| INVOLUTION SITES | 43 | 43 | 41 | 36 |
| FETUS IN UTERUS | 0 | 1 | 0 | 3 |
| MESOMETRIAL ADHESION | 0 | 1 | 0 | 0 |
| PARTIALLY RESORBED FETUS | 1 | 1 | 0 | 0 |
| UNILATERAL APLASIA | 1 | 0 | 0 | 0 |
| WHITE SPOTS | 3 | 3 | 3 | 5 |
| **WHOLE BODY** | | | | |
| NO LESIONS RECOGNIZED | 53 | 50 | 48 | 46 |
| EMACIATION | 0 | 0 | 1 | 1 |

**Pathology Table 7**
**Maternal Females**

## Appendix O (Cont.): PATHOLOGY

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RAT/SPRAGUE-DAWLEY

Incidence Summary Report for Gross Necropsy Observations
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Report includes all dead animals
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| | -- Females -- | | | |
|---|---|---|---|---|
| | Ctls | 2 | 3 | 4 |
| | 34 | 35 | 34 | 34 |
| **LIVER** | | | | |
| CONGESTED | 1 | 0 | 1 | 0 |
| WHITE AREAS ON CAPSULE | 1 | 0 | 2 | 0 |
| **TAIL** | | | | |
| DIARRHEA STAINING | 1 | 0 | 2 | 0 |
| **UTERUS** | | | | |
| INVOLUTION SITES | 26 | 25 | 25 | 19 |
| FETUS IN UTERUS | 0 | 1 | 0 | 2 |
| MESOMETRIAL ADHESION | 0 | 1 | 0 | 0 |
| PARTIALLY RESORBED FETUS | 1 | 1 | 0 | 0 |
| UNILATERAL APLASIA | 1 | 0 | 0 | 0 |
| WHITE SPOTS | 2 | 3 | 2 | 4 |
| **WHOLE BODY** | | | | |
| NO LESIONS RECOGNIZED | 28 | 30 | 27 | 29 |
| EMACIATION | 0 | 0 | 1 | 1 |

Pathology Table 8
Maternal Females - Parental Generation

## Appendix O (Cont.): PATHOLOGY

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| | -- Females -- | | | |
|---|---|---|---|---|
| | Ctls | 2 | 3 | 4 |
| | 26 | 20 | 23 | 19 |
| **LUNGS** | | | | |
| WHITE FOCI .. ..... | 0 | 0 | 0 | 1 |
| RED FOCI ..... | 0 | 0 | 1 | 0 |
| **UTERUS** | | | | |
| INVOLUTION SITES ..... | 17 | 18 | 16 | 17 |
| FETUS IN UTERUS ..... | 0 | 0 | 0 | 1 |
| WHITE SPOTS ..... | 1 | 0 | 1 | 1 |
| **WHOLE BODY** | | | | |
| NO LESIONS RECOGNIZED ..... | 25 | 20 | 21 | 17 |

**Pathology Table 9**
**Maternal Females - $F_1$ Generation**

## Appendix O (Cont.): PATHOLOGY

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| | -- Males -- | | | |
|---|---|---|---|---|
| | Ctls | 2 | 3 | 4 |
| | 51 | 46 | 48 | 43 |
| KIDNEY | | | | |
| CONGESTION | 1 | 0 | 0 | 0 |
| DISCOLORATION | 0 | 0 | 0 | 1 |
| HYDRONEPHROSIS | 0 | 1 | 0 | 0 |
| LIVER | | | | |
| CONGESTED | 4 | 5 | 4 | 2 |
| LUNGS | | | | |
| CONGESTION | 0 | 1 | 0 | 0 |
| SPLEEN | | | | |
| DISCOLORATION | 0 | 0 | 0 | 1 |
| THYMUS | | | | |
| CONGESTED/RED | 0 | 1 | 0 | 0 |
| WHOLE BODY | | | | |
| NO LESIONS RECOGNIZED | 47 | 39 | 44 | 41 |

Pathology Table 10
Males

## Appendix O (Cont.): PATHOLOGY

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| | -- Males -- | | | |
|---|---|---|---|---|
| | Ctls | 2 | 3 | 4 |
| | 25 | 25 | 25 | 24 |
| WHOLE BODY | | | | |
| NO LESIONS RECOGNIZED ..... | 25 | 25 | 25 | 24 |

**Pathology Table 11**
**Males - Parental Generation**

## Appendix O (Cont.): PATHOLOGY

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| | -- Males -- | | | |
|---|---|---|---|---|
| | Ctls | 2 | 3 | 4 |
| | 26 | 21 | 23 | 19 |
| KIDNEY | | | | |
| CONGESTION | 1 | 0 | 0 | 0 |
| DISCOLORATION | 0 | 0 | 0 | 1 |
| HYDRONEPHROSIS | 0 | 1 | 0 | 0 |
| LIVER | | | | |
| CONGESTED | 4 | 5 | 4 | 2 |
| LUNGS | | | | |
| CONGESTION | 0 | 1 | 0 | 0 |
| SPLEEN | | | | |
| DISCOLORATION | 0 | 0 | 0 | 1 |
| THYMUS | | | | |
| CONGESTED/RED | 0 | 1 | 0 | 0 |
| WHOLE BODY | | | | |
| NO LESIONS RECOGNIZED | 22 | 14 | 19 | 17 |

Pathology Table 12
Males - $F_1$ Generation

# Appendix O (Cont.): PATHOLOGY

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DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/SPRAGUE-DAWLEY

Incidence Summary of Microscopic Observations
Study Number: 87012F
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 30-Nov-89
Page: 1

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: | -- Animals Affected -- Females -- | | | |
|---|---|---|---|---|---|
| | Dosage group: | Ctls | 2 | 3 | 4 |
| | No. in group: | 60 | 55 | 57 | 53 |
| PITUITARY GLAND ..... | Number examined: | 60 | 0 | 0 | 52 |
| CYST(S) | | 1 | 0 | 0 | 1 |
| OVARIES ..... | Number examined: | 59 | 0 | 0 | 52 |
| CYST(S) | | 5 | 0 | 0 | 3 |
| HYPERPLASIA, INTERSTITIAL CELL | | 0 | 0 | 0 | 2 |
| MINERALIZATION | | 3 | 0 | 0 | 1 |
| DECREASED CORPORA LUTEA | | 0 | 0 | 0 | 1 |
| UTERUS ..... | Number examined: | 60 | 3 | 3 | 53 |
| PIGMENT IN MACROPHAGES | | 24 | 0 | 0 | 24 |
| INFLAMMATION, LYMPHOCYTIC | | 2 | 0 | 2 | 5 |
| DILATED LUMEN | | 0 | 1 | 1 | 3 |
| LYMPHOID AGGREGATES | | 1 | 0 | 0 | 0 |
| HEMORRHAGE/HEMATOMA | | 0 | 0 | 0 | 2 |
| INFLAMMATION, SUPPURATIVE | | 0 | 0 | 0 | 1 |
| VAGINA ..... | Number examined: | 52 | 0 | 0 | 47 |
| INFLAMMATION, LYMPHOCYTIC | | 4 | 0 | 0 | 6 |
| HEMORRHAGE | | 1 | 0 | 0 | 3 |
| INFLAMMATION, SUBACUTE | | 0 | 0 | 0 | 1 |
| INFLAMMATION, ACUTE, SEROSA | | 0 | 0 | 0 | 1 |
| URINARY BLADDER ..... | Number examined: | 18 | 0 | 0 | 25 |
| INFLAMMATION, LYMPHOCYTIC | | 2 | 0 | 0 | 0 |
| FETUS ..... | Number examined: | 1 | 0 | 0 | 2 |
| AUTOLYSIS, ASSOCIATED WITH ENDOMETRIAL INFLAMMATION | | 1 | 0 | 0 | 1 |
| COLON ..... | Number examined: | 1 | 0 | 0 | 8 |
| SKIN ..... | Number examined: | 0 | 0 | 0 | 1 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

**Pathology Table 13**
**Maternal Females**

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/SPRAGUE-DAWLEY

Incidence Summary of Microscopic Observations
Study Number: 87012F
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 30-Nov-89
Page: 2

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: / Dosage group: / No. in group: | -- Animals Affected -- -- Females -- Ctls 60 | 2 55 | 3 57 | 4 53 |
|---|---|---|---|---|---|
| VULVA | Number examined: | 0 | 0 | 0 | 2 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 1 |
| LIVER | Number examined: | 1 | 0 | 0 | 0 |
| INJECTION ARTIFACT | | 1 | 0 | 0 | 0 |
| LUNG | Number examined: | 0 | 0 | 0 | 1 |
| ALVEOLAR HISTIOCYTOSIS | | 0 | 0 | 0 | 1 |
| HEMORRHAGE | | 0 | 0 | 0 | 1 |
| INFLAMMATION, INTERSTITIAL, SUBACUTE | | 0 | 0 | 0 | 1 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/SPRAGUE-DAWLEY

Incidence Summary of Microscopic Observations
Study Number: 87012F
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 02-Jan-90
Page: 1

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: | -- Animals Affected -- -- Females -- Ctls | 2 | 3 | 4 |
|---|---|---|---|---|---|
| | Dosage group: | | | | |
| | No. in group: | 34 | 35 | 34 | 34 |
| PITUITARY GLAND | Number examined: | 34 | 0 | 0 | 33 |
| CYST(S) | | 1 | 0 | 0 | 1 |
| OVARIES | Number examined: | 33 | 0 | 0 | 33 |
| CYST(S) | | 4 | 0 | 0 | 2 |
| HYPERPLASIA, INTERSTITIAL CELL | | 0 | 0 | 0 | 2 |
| MINERALIZATION | | 1 | 0 | 0 | 1 |
| DECREASED CORPORA LUTEA | | 0 | 0 | 0 | 1 |
| UTERUS | Number examined: | 34 | 3 | 2 | 34 |
| PIGMENT IN MACROPHAGES | | 15 | 0 | 0 | 15 |
| INFLAMMATION, LYMPHOCYTIC | | 1 | 0 | 1 | 1 |
| DILATED LUMEN | | 0 | 1 | 1 | 2 |
| LYMPHOID AGGREGATES | | 0 | 0 | 0 | 0 |
| HEMORRHAGE/HEMATOMA | | 0 | 0 | 0 | 0 |
| INFLAMMATION, SUPPURATIVE | | 0 | 0 | 0 | 0 |
| VAGINA | Number examined: | 27 | 0 | 0 | 28 |
| INFLAMMATION, LYMPHOCYTIC | | 1 | 0 | 0 | 3 |
| HEMORRHAGE | | 1 | 0 | 0 | 0 |
| INFLAMMATION, SUBACUTE | | 0 | 0 | 0 | 1 |
| INFLAMMATION, ACUTE, SEROSA | | 0 | 0 | 0 | 0 |
| URINARY BLADDER | Number examined: | 18 | 0 | 0 | 25 |
| INFLAMMATION, LYMPHOCYTIC | | 2 | 0 | 0 | 0 |
| FETUS | Number examined: | 1 | 0 | 0 | 2 |
| AUTOLYSIS, ASSOCIATED WITH ENDOMETRIAL INFLAMMATION | | 1 | 0 | 0 | 1 |
| COLON | Number examined: | 0 | 0 | 0 | 5 |
| SKIN | Number examined: | 0 | 0 | 0 | 1 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

## Pathology Table 14
## Maternal Females - Parental Generation

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/SPRAGUE-DAWLEY

Incidence Summary of Microscopic Observations
Study Number: 87012F
All Diagnoses
Study Start Date: 21-Jul-87



TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: | -- Animals Affected -- Females -- | | | |
|---|---|---|---|---|---|
| | Dosage group: | Ctls | 2 | 3 | 4 |
| | No. in group: | 34 | 35 | 34 | 34 |
| VULVA | Number examined: | 0 | 0 | 0 | 2 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 1 |
| LIVER | Number examined: | 1 | 0 | 0 | 0 |
| INJECTION ARTIFACT | | 1 | 0 | 0 | 0 |
| LUNG | Number examined: | 0 | 0 | 0 | 0 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.



Pathology Table 14
Maternal Females - Parental Generation

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/SPRAGUE-DAWLEY

Incidence Summary of Microscopic Observations
Study Number: 87012F
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 02-Jan-90
Page: 1

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: | -- Animals Affected -- Females -- | | | |
|---|---|---|---|---|---|
| | Dosage group: | Ctls | 2 | 3 | 4 |
| | No. in group: | 26 | 20 | 23 | 19 |
| PITUITARY GLAND ..... | Number examined: | 26 | 0 | 0 | 19 |
| CYST(S) | | 0 | 0 | 0 | 0 |
| OVARIES ..... | Number examined: | 26 | 0 | 0 | 19 |
| CYST(S) | | 1 | 0 | 0 | 1 |
| HYPERPLASIA, INTERSTITIAL CELL | | 0 | 0 | 0 | 0 |
| MINERALIZATION | | 2 | 0 | 0 | 0 |
| DECREASED CORPORA LUTEA | | 0 | 0 | 0 | 0 |
| UTERUS ..... | Number examined: | 26 | 0 | 1 | 19 |
| PIGMENT IN MACROPHAGES | | 9 | 0 | 0 | 9 |
| INFLAMMATION, LYMPHOCYTIC | | 1 | 0 | 1 | 4 |
| DILATED LUMEN | | 0 | 0 | 0 | 1 |
| LYMPHOID AGGREGATES | | 1 | 0 | 0 | 0 |
| HEMORRHAGE/HEMATOMA | | 0 | 0 | 0 | 2 |
| INFLAMMATION, SUPPURATIVE | | 0 | 0 | 0 | 1 |
| VAGINA ..... | Number examined: | 25 | 0 | 0 | 19 |
| INFLAMMATION, LYMPHOCYTIC | | 3 | 0 | 0 | 3 |
| HEMORRHAGE | | 0 | 0 | 0 | 3 |
| INFLAMMATION, SUBACUTE | | 0 | 0 | 0 | 0 |
| INFLAMMATION, ACUTE, SEROSA | | 0 | 0 | 0 | 1 |
| URINARY BLADDER ..... | Number examined: | 0 | 0 | 0 | 0 |
| FETUS ..... | Number examined: | 0 | 0 | 0 | 0 |
| COLON ..... | Number examined: | 1 | 0 | 0 | 3 |
| SKIN ..... | Number examined: | 0 | 0 | 0 | 0 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

## Pathology Table 15
## Maternal Females - $F_1$ Generation

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/SPRAGUE-DAWLEY

Incidence Summary of Microscopic Observations
Study Number: 87012F
All Diagnoses
Study Start Date: 21-Jul-87



TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: | -- Animals Affected -- Females -- | | | |
|---|---|---|---|---|---|
| | Dosage group: | Ctls | 2 | 3 | 4 |
| | No. in group: | 26 | 20 | 23 | 19 |
| VULVA ..... | Number examined: | 0 | 0 | 0 | 0 |
| LIVER ..... | Number examined: | 0 | 0 | 0 | 0 |
| LUNG ..... | Number examined: | 0 | 0 | 0 | 1 |
| ALVEOLAR HISTIOCYTOSIS | | 0 | 0 | 0 | 1 |
| HEMORRHAGE | | 0 | 0 | 0 | 1 |
| INFLAMMATION, INTERSTITIAL, SUBACUTE | | 0 | 0 | 0 | 1 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

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Pathology Table 15 (Cont.)
Maternal Females - $F_1$ Generation

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Incidence Summary of Microscopic Observations
Study Number: 87012M
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 30-Nov-89
Page: 1

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: / Dosage group: / No. in group: | -- Animals Affected -- Males -- Ctls | 2 | 3 | 4 |
|---|---|---|---|---|---|
| PITUITARY GLAND | Number examined: | 46 | 0 | 0 | 36 |
| INFLAMMATION, LYMPHOCYTIC | | 1 | 0 | 0 | 0 |
| CYST(S) | | 3 | 0 | 0 | 1 |
| TESTIS | Number examined: | 50 | 1 | 0 | 43 |
| INFLAMMATION, LYMPHOCYTIC, TUNICA ALBUGINEA | | 2 | 0 | 0 | 0 |
| DEGENERATION, SEMINIFEROUS TUBULES | | 10 | 0 | 0 | 10 |
| HYPERPLASIA, INTERSTITIAL CELL | | 0 | 0 | 0 | 2 |
| EPIDIDYMUS | Number examined: | 51 | 1 | 0 | 43 |
| INFLAMMATION, LYMPHOCYTIC | | 17 | 0 | 0 | 16 |
| INFLAMMATION, GRANULOMATOUS | | 1 | 0 | 0 | 5 |
| INFLAMMATION, SUBACUTE | | 0 | 0 | 0 | 2 |
| DECREASED SPERMATOZOA | | 0 | 0 | 0 | 2 |
| EPITHELIAL HYPERPLASIA | | 0 | 0 | 0 | 1 |
| SEMINAL VESICLE | Number examined: | 51 | 1 | 0 | 43 |
| COAGULATING GL. | Number examined: | 51 | 1 | 0 | 43 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 1 |
| PROSTATE | Number examined: | 51 | 45 | 48 | 43 |
| INFLAMMATION, LYMPHOCYTIC | | 26 | 16 | 17 | 19 |
| NECROSIS | | 2 | 0 | 0 | 0 |
| INFLAMMATION, PURULENT | | 2 | 3 | 4 | 0 |
| INFLAMMATION, ACUTE | | 0 | 1 | 0 | 1 |
| MINERALIZATION | | 1 | 0 | 1 | 1 |
| HEMORRHAGE | | 0 | 0 | 0 | 1 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

## Pathology Table 16
## Males

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Incidence Summary of Microscopic Observations
Study Number: 87012M
All Diagnoses
Study Start Date: 21-Jul-87



TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: | -- Animals Affected -- Males -- | | | |
|---|---|---|---|---|---|
| | Dosage group: | Ctls | 2 | 3 | 4 |
| | No. in group: | 51 | 46 | 48 | 43 |
| URINARY BLADDER | Number examined: | 23 | 1 | 0 | 24 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 1 |
| LIVER | Number examined: | 5 | 6 | 4 | 2 |
| INFLAMMATION, ACUTE | | 0 | 1 | 0 | 0 |
| KIDNEY | Number examined: | 1 | 1 | 0 | 1 |
| VACUOLATION, EPITHELIUM OF TUBULES | | 1 | 0 | 0 | 0 |
| HYPERPLASIA, EPITHELIUM OF TUBULES | | 0 | 0 | 0 | 1 |
| HYDRONEPHROSIS, UNILATERAL | | 0 | 1 | 0 | 0 |
| SPLEEN | Number examined: | 0 | 0 | 0 | 1 |
| ADRENAL GLAND | Number examined: | 0 | 1 | 0 | 0 |
| TRACHEA | Number examined: | 0 | 1 | 0 | 0 |
| ESOPHAGUS | Number examined: | 0 | 1 | 0 | 0 |
| THYROID GLAND | Number examined: | 0 | 1 | 0 | 0 |
| PARATHYROID GL. | Number examined: | 0 | 1 | 0 | 0 |
| HEART | Number examined: | 0 | 1 | 0 | 0 |
| AORTA | Number examined: | 0 | 1 | 0 | 0 |
| LUNG | Number examined: | 0 | 2 | 0 | 0 |
| ACUTE CONGESTION | | 0 | 2 | 0 | 0 |
| VASCULAR MINERALIZATION | | 0 | 1 | 0 | 0 |
| ALVEOLAR HISTIOCYTOSIS | | 0 | 1 | 0 | 0 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

## Pathology Table 16 (Cont.)
## Males

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Incidence Summary of Microscopic Observations
Study Number: 87012M
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 30-Nov-89
Page: 3

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | | -- Animals Affected -- Males -- | | | |
|---|---|---|---|---|---|
| Animal sex: | | | | | |
| Dosage group: | | Ctls | 2 | 3 | 4 |
| No. in group: | | 51 | 46 | 48 | 43 |
| THYMUS | Number examined: | 0 | 1 | 0 | 0 |
| ACUTE HEMORRHAGE | | 0 | 1 | 0 | 0 |
| SALIVARY GLAND | Number examined: | 0 | 1 | 0 | 0 |
| INTESTINE | Number examined: | 0 | 0 | 0 | 0 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

**Pathology Table 16 (Cont.)**
**Males**

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Incidence Summary of Microscopic Observations
Study Number: 87012M
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 29-Nov-89
Page: 1

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: / Dosage group: / No. in group: | -- Animals Affected -- Males -- Ctls | 2 | 3 | 4 |
|---|---|---|---|---|---|
| PITUITARY GLAND | Number examined: | 20 | 0 | 0 | 18 |
| INFLAMMATION, LYMPHOCYTIC | | 1 | 0 | 0 | 0 |
| CYST(S) | | 0 | 0 | 0 | 0 |
| TESTIS | Number examined: | 24 | 0 | 0 | 24 |
| INFLAMMATION, LYMPHOCYTIC, TUNICA ALBUGINEA | | 1 | 0 | 0 | 0 |
| DEGENERATION, SEMINIFEROUS TUBULES | | 8 | 0 | 0 | 7 |
| HYPERPLASIA, INTERSTITIAL CELL | | 0 | 0 | 0 | 1 |
| EPIDIDYMUS | Number examined: | 25 | 0 | 0 | 24 |
| INFLAMMATION, LYMPHOCYTIC | | 10 | 0 | 0 | 7 |
| INFLAMMATION, GRANULOMATOUS | | 1 | 0 | 0 | 4 |
| INFLAMMATION, SUBACUTE | | 0 | 0 | 0 | 1 |
| DECREASED SPERMATOZOA | | 0 | 0 | 0 | 1 |
| EPITHELIAL HYPERPLASIA | | 0 | 0 | 0 | 0 |
| SEMINAL VESICLE | Number examined: | 25 | 0 | 0 | 24 |
| COAGULATING GL. | Number examined: | 25 | 0 | 0 | 24 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 0 |
| PROSTATE | Number examined: | 25 | 25 | 25 | 24 |
| INFLAMMATION, LYMPHOCYTIC | | 12 | 5 | 6 | -3 |
| NECROSIS | | 2 | 0 | 0 | 0 |
| INFLAMMATION, PURULENT | | 2 | 3 | 4 | 0 |
| INFLAMMATION, ACUTE | | 0 | 1 | 0 | 1 |
| MINERALIZATION | | 1 | 0 | 1 | 0 |
| HEMORRHAGE | | 0 | 0 | 0 | 0 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.



## Pathology Table 17
## Males - Parental Generation

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Incidence Summary of Microscopic Observations
Study Number: 87012M
All Diagnoses
Study Start Date: 21-Jul-87



TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | | -- Animals Affected -- Males -- | | | |
|---|---|---|---|---|---|
| Animal sex: | | | | | |
| Dosage group: | | Ctls | 2 | 3 | 4 |
| No. in group: | | 25 | 25 | 25 | 24 |
| URINARY BLADDER | Number examined: | 23 | 0 | 0 | 24 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 1 |
| LIVER | Number examined: | 0 | 0 | 0 | 0 |
| KIDNEY | Number examined: | 0 | 0 | 0 | 0 |
| SPLEEN | Number examined: | 0 | 0 | 0 | 0 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

**Pathology Table 17 (Cont.)**
**Males - Parental Generation**

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Incidence Summary of Microscopic Observations
Study Number: 87012M
All Diagnoses
Study Start Date: 21-Jul-87



TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | Animal sex: / Dosage group: / No. in group: | -- Animals Affected -- Males -- Ctls | 2 | 3 | 4 |
|---|---|---|---|---|---|
| PITUITARY GLAND | Number examined: | 26 | 0 | 0 | 18 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 0 |
| CYST(S) | | 3 | 0 | 0 | 1 |
| TESTIS | Number examined: | 26 | 1 | 0 | 19 |
| INFLAMMATION, LYMPHOCYTIC, TUNICA ALBUGINEA | | 1 | 0 | 0 | 0 |
| DEGENERATION, SEMINIFEROUS TUBULES | | 2 | 0 | 0 | 3 |
| HYPERPLASIA, INTERSTITIAL CELL | | 0 | 0 | 0 | 1 |
| EPIDIDYMUS | Number examined: | 26 | 1 | 0 | 19 |
| INFLAMMATION, LYMPHOCYTIC | | 7 | 0 | 0 | 9 |
| INFLAMMATION, GRANULOMATOUS | | 0 | 0 | 0 | 1 |
| INFLAMMATION, SUBACUTE | | 0 | 0 | 0 | 1 |
| DECREASED SPERMATOZOA | | 0 | 0 | 0 | 1 |
| EPITHELIAL HYPERPLASIA | | 0 | 0 | 0 | 1 |
| SEMINAL VESICLE | Number examined: | 26 | 1 | 0 | 19 |
| COAGULATING GL. | Number examined: | 26 | 1 | 0 | 19 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 1 |
| PROSTATE | Number examined: | 26 | 20 | 23 | 19 |
| INFLAMMATION, LYMPHOCYTIC | | 14 | 11 | 11 | 16 |
| NECROSIS | | 0 | 0 | 0 | 0 |
| INFLAMMATION, PURULENT | | 0 | 0 | 0 | 0 |
| INFLAMMATION, ACUTE | | 0 | 0 | 0 | 0 |
| MINERALIZATION | | 0 | 0 | 0 | 1 |
| HEMORRHAGE | | 0 | 0 | 0 | 1 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

## Pathology Table 18
## Males - $F_1$ Generation

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Incidence Summary of Microscopic Observations
Study Number: 87012M
All Diagnoses
Study Start Date: 21-Jul-87

PRINTED: 29-Nov-89
Page: 4

TERATOLOGY/

Notes: Animals = all dead animals
Controls from group(s): 1

| Tissues With Diagnoses | | -- Animals Affected -- | | | |
|---|---|---|---|---|---|
| | Animal sex: | -- Males -- | | | |
| | Dosage group: | Ctls | 2 | 3 | 4 |
| | No. in group: | 26 | 21 | 23 | 19 |
| URINARY BLADDER ..... | Number examined: | 0 | 1 | 0 | 0 |
| INFLAMMATION, LYMPHOCYTIC | | 0 | 0 | 0 | 0 |
| LIVER ..... | Number examined: | 5 | 6 | 4 | 2 |
| INFLAMMATION, ACUTE | | 0 | 1 | 0 | 0 |
| KIDNEY ..... | Number examined: | 1 | 1 | 0 | 1 |
| VACUOLATION, EPITHELIUM OF TUBULES | | 1 | 0 | 0 | 0 |
| HYPERPLASIA, EPITHELIUM OF TUBULES | | 0 | 0 | 0 | 1 |
| HYDRONEPHROSIS, UNILATERAL | | 0 | 1 | 0 | 0 |
| SPLEEN ..... | Number examined: | 0 | 0 | 0 | 1 |

Note: Entries flagged with a - (minus) are significantly different from control at the 0.05 level using the Kolmogorov-Smirnov two tailed test.

**Pathology Table 18 (Cont.)**
**Males - $F_1$ Generation**

# Pathology Annex A

## $F_1$ Dose Group 1 - Females

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0421F3 | 42659 | 22d/10 Nov 87 | 41.8 g | 2 Dec 87 |
| 421F4 | 42660 | 22d/10 Nov 87 | 39.2 g | 2 Dec 87 |
| 421F8 | 42661 | 22d/10 Nov 87 | 44.4 g | 2 Dec 87 |
| 425F1 | 42200 | 24d/26 Oct 87 | 68.2 g | 19 Nov 87 |
| 425F2 | 42201 | 24d/26 Oct 87 | 69.2 g | 19 Nov 87 |
| 425F4 | 42202 | 24d/26 Oct 87 | 70.0 g | 19 Nov 87 |
| 437F1 | 42173 | 22d/25 Oct 87 | 47.8 g | 16 Nov 87 |
| 437F2 | 42174 | 22d/25 Oct 87 | 50.5 g | 16 Nov 87 |
| 437F6 | 42175 | 22d/25 Oct 87 | 49.5 g | 16 Nov 87 |
| 442F4 | 42231 | 22d/28 Oct 87 | 42.9 g | 19 Nov 87 |
| 442F5 | 42232 | 22d/28 Oct 87 | 46.2 g | 19 Nov 87 |
| 442F7 | 42233 | 22d/28 Oct 87 | 43.4 g | 19 Nov 87 |
| 422F9 | 42234 | 22d/28 Oct 87 | 45.5 g | 19 Nov 87 |
| 442F11 | 42235 | 22d/28 Oct 87 | 43.5 g | 19 Nov 87 |
| 445F1 | 42239 | 22d/28 Oct 87 | 44.6 g | 19 Nov 87 |
| 445F2 | 42240 | 22d/28 Oct 87 | 42.8 g | 19 Nov 87 |
| 445F4 | 42241 | 22d/28 Oct 87 | 43.6 g | 19 Nov 87 |
| 446F3 | 42679 | 22d/12 Nov 87 | 48.7 g | 4 Dec 87 |
| 446F4 | 42680 | 22d/12 Nov 87 | 51.2 g | 4 Dec 87 |
| 446F5 | 42681 | 22d/12 Nov 87 | 47.8 g | 4 Dec 87 |
| 446F8 | 42682 | 22d/12 Nov 87 | 52.9 g | 4 Dec 87 |
| 446F9 | 42683 | 22d/12 Nov 87 | 47.1 g | 4 Dec 87 |
| 447F1 | 42322 | 22d/29 Oct 87 | 54.9 g | 20 Nov 87 |
| 447F2 | 42323 | 22d/29 Oct 87 | 50.1 g | 20 Nov 87 |
| 447F5 | 42324 | 22d/29 Oct 87 | 53.3 g | 20 Nov 87 |
| 461F1 | 42331 | 22d/29 Oct 87 | 49.5 g | 20 Nov 87 |
| 461F2 | 42332 | 22d/29 Oct 87 | 52.0 g | 20 Nov 87 |
| 472F1 | 42347 | 22d/29 Oct 87 | 43.4 g | 20 Nov 87 |
| 472F3 | 42348 | 22d/29 Oct 87 | 47.2 g | 20 Nov 87 |
| 472F7 | 42349 | 22d/29 Oct 87 | 47.2 g | 20 Nov 87 |
| 479F1 | 42397 | 26d/30 Oct 87 | 58.1 g | 25 Nov 87 |
| 479F2 | 42398 | 26d/30 Oct 87 | 69.4 g | 25 Nov 87 |
| 479F5 | 42399 | 26d/30 Oct 87 | 61.1 g | 25 Nov 87 |
| 484F1 | 42409 | 25d/31 Oct 87 | 56.9 g | 25 Nov 87 |
| 484F2 | 42410 | 25d/31 Oct 87 | 57.8 g | 25 Nov 87 |
| 484F4 | 42411 | 25d/31 Oct 87 | 53.6 g | 25 Nov 87 |
| 496F1 | 42435 | 23d/2 Nov 87 | 55.7 g | 25 Nov 87 |
| 496F5 | 42436 | 23d/2 Nov 87 | 58.3g | 25 Nov 87 |
| 498F1 | 42445 | 22d/3 Nov 87 | 45.5 g | 25 Nov 87 |
| 498F2 | 42352 | 20d/3 Nov 87 | 15.1 g | 23 Nov 87 |
| 498F3 | 42446 | 22d/3 Nov 87 | 48.6 g | 25 Nov 87 |
| 507F1 | 42449 | 22d/3 Nov 87 | 61.3 g | 25 Nov 87 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0507F2 | 42450 | 22d/3 Nov 87 | 48.4 g | 25 Nov 87 |
| 509F1 | 42454 | 22d/3 Nov 87 | 48.0 g | 25 Nov 87 |
| 509F3 | 42455 | 22d/3 Nov 87 | 49.2 g | 25 Nov 87 |
| 509F7 | 42456 | 22d/3 Nov 87 | 43.9 g | 25 Nov 87 |
| 512F1 | 42149 | 22d/8 Nov 87 | 63.6 g | 30 Nov 87 |
| 512F3 | 42150 | 22d/8 Nov 87 | 58.3 g | 30 Nov 87 |
| 520F1 | 42770 | 22d/22 Nov 87 | 49.8 g | 14 Dec 87 |
| 520F2 | 42771 | 22d/22 Nov 87 | 47.5 g | 14 Dec 87 |
| 520F6 | 42772 | 22d/22Nov 87 | 55.0 g | 14 Dec 87 |
| 523F3 | 42764 | 23d/21 Nov 87 | 39.5 g | 14 Dec 87 |
| 523F4 | 42765 | 23d/21 Nov 87 | 55.4 g | 14 Dec 87 |
| 523F7 | 42766 | 22d/21 Nov 87 | 54.0 g | 14 Dec 87 |
| 525F1 | 42793 | 22d/25 Nov 87 | 47.9 g | 17 Dec 87 |
| 525F2 | 42794 | 22d/25 Nov 87 | 40.0 g | 17 Dec 87 |
| 525F7 | 42795 | 22d/25 Nov 87 | 49.3 g | 17 Dec 87 |
| 542F1 | 42591 | 22d/8 Nov 87 | 50.8 g | 30 Nov 87 |
| 542F2 | 42592 | 22d/8 Nov 87 | 50.7 g | 30 Nov 87 |
| 542F5 | 42593 | 22d/8 Nov 87 | 43.3 g | 30 Nov 87 |
| 545F1 | 42460 | 23d/7 Nov 87 | 56.3 g | 30 Nov 87 |
| 545F2 | 42461 | 23d/7 Nov 87 | 48.4 g | 30 Nov 87 |
| 546F2 | 42594 | 22d/8 Nov 87 | 59.6 g | 30 Nov 87 |
| 550F1 | 42665 | 22d/10 Nov 87 | 33.5 g | 2 Dec 87 |
| 550F2 | 42666 | 22d/10 Nov 87 | 28.5 g | 2 Dec 87 |
| 550F4 | 42667 | 22d/10 Nov 87 | 29.0 g | 2 Dec 87 |
| 551F10 | 42595 | 22d/8 Nov 87 | 52.5 g | 30 Nov 87 |
| 551F3 | 42597 | 22d/8 Nov 87 | 46.4 g | 30 Nov 87 |
| 551F7 | 42598 | 22d/8 Nov 87 | 48.9 g | 30 Nov 87 |
| 551F9 | 42599 | 22d/8 Nov 87 | 49.5 g | 30 Nov 87 |

### $F_1$ Dose Group 2 - Females

| | | | | |
|---|---|---|---|---|
| 87D0424F2 | 42167 | 22d/25 Oct 87 | 38.7 g | 16 Nov 87 |
| 424F3 | 42168 | 22d/25 Oct 87 | 37.5 g | 16 Nov 87 |
| 424F6 | 42169 | 22d/25 Oct 87 | 36.1 g | 16 Nov 87 |
| 448F1 | 42552 | 24d/6 Nov 87 | 56.8 g | 30 Nov 87 |
| 448F3 | 42553 | 24d/6 Nov 87 | 56.6 g | 30 Nov 87 |
| 448F7 | 42554 | 24d/6 Nov 87 | 58.2 g | 30 Nov 87 |
| 449F1 | 42637 | 22d/9 Nov 87 | 50.3 g | 1 Dec 87 |
| 449F7 | 42638 | 22d/9 Nov 87 | 43.3 g | 1 Dec 87 |
| 449F10 | 42639 | 22d/9 Nov 87 | 40.7 g | 1 Dec 87 |
| 452F1 | 42414 | 24d/1 Nov 87 | 72.6 g | 25 Nov 87 |
| 452F2 | 42415 | 24d/1 Nov 87 | 66.5 g | 25 Nov 87 |
| 463F1 | 42227 | 24d/26 Oct 87 | 51.5 g | 19 Nov 87 |

# Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0463F2 | 42228 | 24d/26 Oct 87 | 51.6 g | 19 Nov 87 |
| 463F4 | 42229 | 26d/26 Oct 87 | 49.4 g | 19 Nov 87 |
| 464F2 | 42336 | 22d/29 Oct 87 | 48.0 g | 20 Nov 87 |
| 464F3 | 42337 | 22d/29 Oct 87 | 50.4 g | 20 Nov 87 |
| 473F1 | 42419 | 24d/1 Nov 87 | 56.7 g | 25 Nov 87 |
| 473F2 | 42420 | 24d/1 Nov 87 | 58.9 g | 25 Nov 87 |
| 473F4 | 42421 | 24d/1 Nov 87 | 53.8 g | 25 Nov 87 |
| 475F2 | 42387 | 26d/30 Oct 87 | 68.8 g | 25 Nov 87 |
| 476F1 | 42688 | 22d/15 Nov 87 | 47.2 g | 7 Dec 87 |
| 476F2 | 42689 | 22d/15 Nov 87 | 53.9 g | 7 Dec 87 |
| 476F6 | 42690 | 22d/15 Nov 87 | 53.2 g | 7 Dec 87 |
| 488F1 | 42701 | 22d/18 Nov 87 | 39.9 g | 10 Dec 87 |
| 488F2 | 42702 | 22d/18 Nov 87 | 40.9 g | 10 Dec 87 |
| 488F6 | 42703 | 22d/18 Nov 87 | 38.2 g | 10 Dec 87 |
| 495F4 | 42687 | 24d/13 Nov 87 | 65.7 g | 7 Dec 87 |
| 499F1 | 42558 | 24d/6 Nov 87 | 64.7 g | 30 Nov 87 |
| 499F2 | 42559 | 24d/6 Nov 87 | 59.9 g | 30 Nov 87 |
| 499F5 | 42560 | 24d/6 Nov 87 | 68.1 g | 30 Nov 87 |
| 502F2 | 42570 | 23d/7 Nov 87 | 57.4 g | 30 Nov 87 |
| 502F5 | 42571 | 23d/7 Nov 87 | 62.7 g | 30 Nov 87 |
| 518F1 | 42494 | 23d/4 Nov 87 | 45.2 g | 27 Nov 87 |
| 518F7 | 42495 | 23d/4 Nov 87 | 46.8 g | 27 Nov 87 |
| 518F10 | 42496 | 23d/4 Nov 87 | 49.5 g | 27 Nov 87 |
| 522F1 | 42526 | 22d/5 Nov 87 | 51.5 g | 27 Nov 87 |
| 522F3 | 42527 | 22d/5 Nov 87 | 44.3 g | 27 Nov 87 |
| 522F7 | 42528 | 22d/5 Nov 87 | 45.3 g | 27 Nov 87 |
| 531F1 | 42457 | 22d/8 Nov 87 | 50.4 g | 30 Nov 87 |
| 531F2 | 42610 | 22d/8 Nov 87 | 46.0 g | 30 Nov 87 |
| 534F1 | 42614 | 22d/8 Nov 87 | 39.1 g | 30 Nov 87 |
| 534F2 | 42615 | 22d/8 Nov 87 | 36.0 g | 30 Nov 87 |
| 534F6 | 42616 | 22d/8 Nov 87 | 35.6 g | 30 Nov 87 |
| 536F1 | 42582 | 23d/7 Nov 87 | 52.1 g | 30 Nov 87 |
| 536F2 | 42583 | 23d/7 Nov 87 | 56.4 g | 30 Nov 87 |
| 536F5 | 42584 | 23d/7 Nov 87 | 56.2 g | 7 Nov 87 |
| 549F1 | 42650 | 22d/9 Nov 87 | 55.7 g | 1 Dec 87 |
| 549F2 | 42651 | 22d/9 Nov 87 | 52.2 g | 1 Dec 87 |
| 549F4 | 42652 | 22d/9 Nov 87 | 55.2 g | 1 Dec 87 |

# Pathology Annex A

## $F_1$ Dose Group 3 - Females

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0417F1 | 42458 | 22d/8 Nov 87 | 54.3 g | 30 Nov 87 |
| 417F3 | 42143 | 22d/8 Nov 87 | 54.2 g | 30 Nov 87 |
| 417F6 | 42144 | 22d/8 Nov 87 | 49.2 g | 30 Nov 87 |
| 417F9 | 42145 | 22d/8 Nov 87 | 54.1 g | 30 Nov 87 |
| 420F1 | 42161 | 22d/25 Oct 87 | 45.1 g | 16 Nov 87 |
| 420F3 | 42162 | 22d/25 Oct 87 | 41.7 g | 16 Nov 87 |
| 420F7 | 42163 | 22d/25 Oct 87 | 43.3 g | 16 Nov 87 |
| 432F1 | 42156 | 23d/24 Oct 87 | 48.9 g | 16 Nov 87 |
| 432F2 | 42157 | 23d/24 Oct 87 | 51.4 g | 16 Nov 87 |
| 432F4 | 42158 | 23d/24 Oct 87 | 51.9 g | 16 Nov 87 |
| 435F1 | 42221 | 24d/26 Oct 87 | 60.3 g | 19 Nov 87 |
| 435F2 | 42222 | 24d/26 Oct 87 | 60.6 g | 19 Nov 87 |
| 435F5 | 42223 | 24d/26 Oct 87 | 65.3 g | 19 Nov 87 |
| 443F2 | 42179 | 22d/25 Oct 87 | 54.4 g | 16 Nov 87 |
| 456F1 | 42251 | 22d/28 Oct 87 | 47.6 g | 19 Nov 87 |
| 456F2 | 42252 | 22d/28 Oct 87 | 45.2 g | 19 Nov 87 |
| 456F4 | 42253 | 22d/28 Oct 87 | 48.4 g | 19 Nov 87 |
| 459F2 | 42326 | 22d/29 Oct 87 | 56.8 g | 20 Nov 87 |
| 466F1 | 42373 | 26d/30 Oct 87 | 69.9 g | 25 Nov 87 |
| 466F2 | 42374 | 26d/30 Oct 87 | 68.1 g | 25 Nov 87 |
| 466F4 | 42375 | 26d/30 Oct 87 | 67.3 g | 25 Nov 87 |
| 466F6 | 42376 | 26d/30 Oct 87 | 68.8 g | 25 Nov 87 |
| 469F1 | 42341 | 22d/29 Oct 87 | 46.7 g | 20 Nov 87 |
| 469F2 | 42342 | 22d/29 Oct 87 | 48.0 g | 20 Nov 87 |
| 469F5 | 42343 | 22d/29 Oct 87 | 50.8 g | 20 Nov 87 |
| 471F1 | 42481 | 23d/4 Nov 87 | 49.1 g | 27 Nov 87 |
| 471F2 | 42482 | 23d/4 Nov 87 | 50.0 g | 27 Nov 87 |
| 471F4 | 42483 | 23d/4 Nov 87 | 49.7 g | 27 Nov 87 |
| 471F6 | 42484 | 23d/4 Nov 87 | 48.6 g | 27 Nov 87 |
| 478F1 | 42403 | 25d/31 Oct 87 | 54.0 g | 25 Nov 87 |
| 478F3 | 42404 | 25d/31 Oct 87 | 55.1 g | 25 Nov 87 |
| 478F7 | 42405 | 25d/31 Oct 87 | 58.6 g | 25 Nov 87 |
| 480F1 | 42499 | 22d/5 Nov 87 | 46.0 g | 27 Nov 87 |
| 480F2 | 42500 | 22d/5 Nov 87 | 50.8 g | 27 Nov 87 |
| 480F5 | 42501 | 22d/5 Nov 87 | 49.2 g | 27 Nov 87 |
| 480F6 | 42502 | 22d/5 Nov 87 | 50.1 g | 27 Nov 87 |
| 490F1 | 42430 | 23d/2 Nov 87 | 60.1 g | 25 Nov 87 |
| 490F2 | 42431 | 23d/2 Nov 87 | 55.4 g | 25 Nov 87 |
| 490F5 | 42432 | 23d/2 Nov 87 | 52.0 g | 25 Nov 87 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0494F1 | 42506 | 22d/5 Nov 87 | 50.7 g | 27 Nov 87 |
| 494F2 | 42507 | 22d/5 Nov 87 | 49.4 g | 27 Nov 87 |
| 508F1 | 42750 | 22d/19 Nov 87 | 51.9 g | 11 Dec 87 |
| 508F2 | 42751 | 22d/19 Nov 87 | 49.6 g | 11Dec 87 |
| 511F2 | 42564 | 24d/6 Nov 87 | 50.3 g | 30 Nov 87 |
| 511F3 | 42565 | 24d/6 Nov 87 | 44.3 g | 30 Nov 87 |
| 511F8 | 42566 | 24d/6 Nov 87 | 46.2 g | 30 Nov 87 |
| 515F1 | 42575 | 23d/7 Nov 87 | 53.7 g | 30 Nov 87 |
| 515F7 | 42576 | 23d/7 Nov 87 | 51.4 g | 30 Nov 87 |
| 515F10 | 42577 | 23d/7 Nov 87 | 50.7 g | 30 Nov 87 |
| 526F1 | 42643 | 22d/9 Nov 87 | 46.2 g | 1 Dec 87 |
| 526F2 | 42644 | 22d/9 Nov 87 | 43.7 g | 1 Dec 87 |
| 526F5 | 42645 | 22d/9 Nov 87 | 37.4 g | 1 Dec 87 |
| 527F1 | 42755 | 22d/19 Nov 87 | 52.8 g | 11 Dec 87 |
| 527F2 | 42756 | 22d/19 Nov 87 | 50.5 g | 11 Dec 87 |
| 527F4 | 42757 | 22d/19 Nov 87 | 49.4 g | 11 Dec 87 |
| 537F5 | 42600 | 22d/8 Nov 87 | 60.2 g | 30 Nov 87 |
| 537F1 | 42618 | 22d/8 Nov 87 | 40.8 g | 30 Nov 87 |
| 537F3 | 42619 | 22d/8 Nov 87 | 56.3g | 30 Nov 87 |
| 543F1 | 42776 | 22d/23 Nov 87 | 48.0 g | 15 Dec 87 |
| 543F3 | 42777 | 22d/23 Nov 87 | 50.4 g | 15 Dec 87 |
| 543F6 | 42778 | 22d/23 Nov 87 | 48.7 g | 15 Dec 87 |
| 547F1 | 42465 | 23d/7 Nov 87 | 53.2 g | 30 Nov 87 |
| 547F2 | 42466 | 23d/7 Nov 87 | 53.8 g | 30 Nov 87 |
| 547F4 | 42467 | 23d/7 Nov 87 | 54.7 g | 30 Nov 87 |

### $F_1$ Dose Group 4 - Females

| | | | | |
|---|---|---|---|---|
| 87D0414F1 | 42672 | 22d/11 Nov 87 | 41.7 g | 3 Dec 87 |
| 414F3 | 42673 | 22d/11 Nov 87 | 40.6 g | 3 Dec 87 |
| 414F7 | 42674 | 22d/11 Nov 87 | 41.6 g | 3 Dec 87 |
| 426F1 | 42206 | 24d/26 Oct 87 | 48.0 g | 19 Nov 87 |
| 426F2 | 42207 | 24d/26 Oct 87 | 44.1g | 19 Nov 87 |
| 426F4 | 42208 | 24d/26 Oct 87 | 50.3 g | 19 Nov 87 |
| 429F1 | 42213 | 24d/26 Oct 87 | 54.7 g | 19 Nov 87 |
| 429F2 | 42214 | 24d/26 Oct 87 | 60.3 g | 19 Nov 87 |
| 429F4 | 42215 | 24d/26 Oct 87 | 54.0 g | 19 Nov 87 |
| 434F2 | 42217 | 24d/26 Oct 87 | 72.2 g | 19 Nov 87 |
| 450F1 | 42245 | 22d/28 Oct 87 | 39.2 g | 19 Nov 87 |
| 450F2 | 42246 | 22d/28 Oct 87 | 38.7 g | 19 Nov 87 |
| 450F6 | 42247 | 22d/28 Oct 87 | 42.3 g | 19 Nov 87 |
| 467F1 | 42379 | 26d/30 Oct 87 | 63.2 g | 25 Nov 87 |
| 467F3 | 42380 | 26d/30 Oct 87 | 63.3 g | 25 Nov 87 |
| 467F5 | 42381 | 26d/30 Oct 87 | 64.8 g | 25 Nov 87 |
| 467F7 | 42382 | 26d/30 Oct 87 | 62.1 g | 25 Nov 87 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0477F1 | 42391 | 26d/ 30 Oct 87 | 66.1 g | 25 Nov 87 |
| 477F2 | 42392 | 26d/ 30 Oct 87 | 62.7 g | 25 Nov 87 |
| 477F5 | 42393 | 26d/30 Oct 87 | 65.6 g | 25 Nov 87 |
| 500F1 | 42424 | 24d/1 Nov 87 | 56.1 g | 25 Nov 87 |
| 500F2 | 42425 | 24d/1 Nov 87 | 63.4 g | 25 Nov 87 |
| 500F4 | 42426 | 24d/1 Nov 87 | 60.5 g | 25 Nov 87 |
| 503F2 | 42697 | 22d/17 Nov 87 | 40.9 g | 9 Dec 87 |
| 503F3 | 42698 | 22d/17 Nov 87 | 39.0 g | 9 Dec 87 |
| 503F8 | 42699 | 22d/17 Nov 87 | 38.3 g | 9 Dec 87 |
| 504F1 | 42488 | 23d/4 Nov 87 | 47.1 g | 27 Nov 87 |
| 504F2 | 42489 | 23d/4 Nov 87 | 47.5 g | 27 Nov 87 |
| 504F4 | 42490 | 23d/4 Nov 87 | 45.2 g | 27 Nov 87 |
| 505F1 | 42440 | 23d/2 Nov 87 | 54.5 g | 25 Nov 87 |
| 505F3 | 42441 | 23d/2 Nov 87 | 54.1 g | 25 Nov 87 |
| 506F1 | 42512 | 22d/5 Nov 87 | 46.6 g | 27 Nov 87 |
| 506F2 | 42513 | 22d/5 Nov 87 | 41.5 g | 27 Nov 87 |
| 506F4 | 42514 | 22d/5 Nov 87 | 44.8 g | 27 Nov 87 |
| 513F1 | 42520 | 22d/5 Nov 87 | 46.6 g | 27 Nov 87 |
| 513F2 | 42521 | 22d/5 Nov 87 | 44.9 g | 27 Nov 87 |
| 513F4 | 42522 | 22d/5 Nov 87 | 45.5 g | 27 Nov 87 |
| 517F1 | 42622 | 22d/8 Nov 87 | 42.0 g | 30 Nov 87 |
| 517F2 | 42623 | 22d/8 Nov 87 | 48.7 g | 30 Nov 87 |
| 517F6 | 42624 | 22d/8 Nov 87 | 48.9 g | 30 Nov 87 |
| 528F2 | 42578 | 23d/7 Nov 87 | 58.5 g | 30 Nov 87 |
| 538F1 | 42602 | 22d/8 Nov 87 | 54.4 g | 30 Nov 87 |
| 538F2 | 42603 | 22d/8 Nov 87 | 51.9 g | 30 Nov 87 |
| 539F1 | 42607 | 22d/8 Nov 87 | 49.7 g | 30 Nov 87 |
| 539F2 | 42608 | 22d/8 Nov 87 | 53.7 g | 30 Nov 87 |
| 539F5 | 42609 | 22d/8 Nov 87 | 49.7 g | 30 Nov 87 |
| 540F1 | 42785 | 22d/24 Nov 87 | 42.5 g | 16 Dec 87 |
| 540F2 | 42786 | 22d/24 Nov 87 | 37.9 g | 16 Dec 87 |
| 540F4 | 42787 | 22d/24 Nov 87 | 41.5 g | 16 Dec 87 |

# Pathology Annex A

## $F_1$ Dose Group 1 - Males

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0421M1 | 42656 | 22d/10 Nov 87 | 47.1 g | 2 Dec 87 |
| 421M2 | 42657 | 22d/10 Nov 87 | 42.2 g | 2 Dec 87 |
| 421M4 | 42658 | 22d/10 Nov 87 | 41.1 g | 2 Dec 87 |
| 425M2 | 42199 | 24d/26 Oct 87 | 79.2 g | 19 Nov 87 |
| 430M1 | 42152 | 23d/24 Oct 87 | 66.0 g | 16 Nov 87 |
| 430M2 | 42153 | 23d/24 Oct 87 | 64.3 g | 16 Nov 87 |
| 431M2 | 42216 | 24d/26 Oct 87 | 62.5 g | 19 Nov 87 |
| 437M1 | 42170 | 22d/25 Oct 87 | 46.5 g | 16 Nov 87 |
| 437M2 | 42171 | 22d/25 Oct 87 | 50.5 g | 16 Nov 87 |
| 437M4 | 42172 | 22d/25 Oct 87 | 38.2 g | 16 Nov 87 |
| 442M2 | 42230 | 22d/28 Oct 87 | 46.6 g | 19 Nov 87 |
| 445M1 | 42236 | 22d/28 Oct 87 | 44.0 g | 19 Nov 87 |
| 445M3 | 42237 | 22d/28 Oct 87 | 45.2 g | 19 Nov 87 |
| 445M7 | 42238 | 22d/28 Oct 87 | 46.8 g | 19 Nov 87 |
| 446M2 | 42678 | 22d/12 Noy 87 | 52.3 g | 4 Dec 87 |
| 447M1 | 42319 | 22d/29 Oct 87 | 53.6 g | 20 Nov 87 |
| 447M3 | 42320 | 22d/29 Oct 87 | 50.8 g | 20 Nov 87 |
| 447M7 | 42321 | 22d/29 Oct 87 | 51.9 g | 20 Nov 87 |
| 461M2 | 42327 | 22d/29 Oct 87 | 48.6 g | 20 Nov 87 |
| 461M3 | 42328 | 22d/29 Oct 87 | 50.0 g | 20 Nov 87 |
| 461M5 | 42329 | 22d/29 Oct 87 | 53.8 g | 20 Nov 87 |
| 461M6 | 42330 | 22d/29 Oct 87 | 49.6 g | 20 Nov 87 |
| 472M1 | 42344 | 22d/29 Oct 87 | 45.4 g | 20 Nov 87 |
| 472M2 | 42345 | 22d/29 Oct 87 | 50.9 g | 20 Nov 87 |
| 472M4 | 42346 | 22d/29 Oct 87 | 55.7 g | 20 Nov 87 |
| 479M1 | 42394 | 26d/30 Oct 87 | 68.0 g | 25 Nov 87 |
| 479M2 | 42395 | 26d/30 Oct 87 | 66.0 g | 25 Nov 87 |
| 479M6 | 42396 | 26d/30 Oct 87 | 68.4 g | 25 Nov 87 |
| 484M1 | 42406 | 25d/31 Oct 87 | 56.0 g | 25 Nov 87 |
| 484M3 | 42407 | 25d/31 Oct 87 | 55.8 g | 25 Nov 87 |
| 484M7 | 42408 | 25d/31 Oct 87 | 60.8 g | 25 Nov 87 |
| 496M1 | 42433 | 23d/2 Nov 87 | 55.9 g | 25 Nov 87 |
| 496M2 | 42434 | 23d/2 Nov 87 | 48.1 g | 25 Nov 87 |
| 498M2 | 42442 | 22d/3 Nov 87 | 51.3 g | 25 Nov 87 |
| 498M3 | 42443 | 22d/3 Nov 87 | 47.3 g | 25 Nov 87 |
| 498M8 | 42444 | 22d/3 Nov 87 | 48.3 g | 25 Nov 87 |
| 507M1 | 42447 | 22d/3 Nov 87 | 64.7 g | 25 Nov 87 |
| 507M2 | 42448 | 22d/3 Nov 87 | 63.3 g | 25 Nov 87 |
| 509M1 | 42451 | 22d/3 Nov 87 | 50.4 g | 25 Nov 87 |
| 509M2 | 42452 | 22d/3 Nov 87 | 50.6 g | 25 Nov 87 |
| 509M4 | 42453 | 22d/3 Nov 87 | 50.8 g | 25 Nov 87 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0512M1 | 42146 | 22d/8 Nov 87 | 61.1 g | 30 Nov 87 |
| 512M2 | 42147 | 22d/8 Nov 87 | 52.8 g | 30 Nov 87 |
| 512M4 | 42148 | 22d/8 Nov 87 | 57.1 g | 30 Nov 87 |
| 520M1 | 42767 | 22d/22 Nov 87 | 59.9 g | 14 Dec 87 |
| 520M2 | 42768 | 22d/22 Nov 87 | 46.1 g | 14 Dec 87 |
| 520M4 | 42769 | 22d/22 Nov 87 | 50.2 g | 14 Dec 87 |
| 542M1 | 42589 | 22d/8 Nov 87 | 47.3 g | 30 Nov 87 |
| 542M2 | 42590 | 22d/8 Nov 87 | 56.0 g | 30 NOv 87 |
| 545M1 | 42585 | 23d/7 Nov 87 | 56.4 g | 30 Nov 87 |
| 545M2 | 42586 | 23d/7 Nov 87 | 54.8 g | 30 Nov 87 |
| 545M6 | 42587 | 23d/7 Nov 87 | 58.3 g | 30 Nov 87 |
| 545M4 | 42588 | 23d/7 Nov 87 | 56.4 g | 30 Nov 87 |
| 550M1 | 42662 | 22d/10 Nov 87 | 33.7 g | 2 Dec 87 |
| 550M2 | 42663 | 22d/10 Nov 87 | 27.9 g | 2 Dec 87 |
| 550M5 | 42664 | 22d/10 Nov 87 | 29.2 g | 2 Dec 87 |
| 551M3 | 42596 | 22d/8 Nov 87 | 46.3 g | 30 Nov 87 |
| 523M1 | 42762 | 23d/21 Nov 87 | 58.8 g | 14 Dec 87 |
| 523M2 | 42763 | 23d/21 Nov 87 | 57.2 g | 14 Dec 87 |
| 525M1 | 42791 | 22d/25 Nov 87 | 50.5 g | 17 Dec 87 |
| 525M2 | 42792 | 22d/25 Nov 87 | 54.7 g | 17 Dec 87 |
| | | | | |
| | | $F_1$ Dose Group 2 -Males | | |
| 87D0424M1 | 42164 | 22d/25 Oct 87 | 38.0 g | 16 Nov 87 |
| 424M2 | 42165 | 22d/25 Oct 87 | 41.4 g | 16 Nov 87 |
| 424M5 | 42166 | 22d/25 Oct 87 | 35.9 g | 16 Nov 87 |
| 448M1 | 42549 | 24d/6 Nov 87 | 59.1 g | 30 Nov 87 |
| 448M2 | 42550 | 24d/6 Nov 87 | 59.6 g | 30 Nov 87 |
| 448M5 | 42551 | 24d/6 Nov 87 | 60.4 g | 30 Nov 87 |
| 449M1 | 42634 | 22d/9 Nov 87 | 50.4 g | 1 Dec 87 |
| 449M2 | 42635 | 22d/9 Nov 87 | 48.0 g | 1 Dec 87 |
| 449M6 | 42636 | 22d/9 Nov 87 | 50.2 g | 1 Dec 87 |
| 452M1 | 42412 | 24d/1 Nov 87 | 69.4 g | 25 Nov 87 |
| 452M2 | 42413 | 24d/1 Nov 87 | 69.7 g | 25 Nov 87 |
| 463M1 | 42224 | 24d/26 Oct 87 | 57.8 g | 19 Nov 87 |
| 463M2 | 42225 | 24d/26 Oct 87 | 59.2 g | 19 Nov 87 |
| 463M5 | 42226 | 24d/26 Oct 87 | 50.3 g | 19 Nov 87 |
| 464M1 | 42333 | 22d/29 Oct 87 | 51.1 g | 20 Nov 87 |
| 464M2 | 42334 | 22d/29 Oct 87 | 47.2 g | 20 Nov 87 |
| 464M6 | 42335 | 22d/29 Oct 87 | 51.9 g | 20 Nov 87 |
| 473M1 | 42416 | 24d/1 Nov 87 | 64.9 g | 25 Nov 87 |
| 473M2 | 42417 | 24d/1 Nov 87 | 66.0 g | 25 Nov 87 |
| 473M4 | 42418 | 24d/1 Nov 87 | 61.9 g | 25 Nov 87 |
| 475M1 | 42383 | 26d/30 Oct 87 | 73.1 g | 25 Nov 87 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0475M2 | 42384 | 26d/30 Oct 87 | 72.4 g | 25 Nov 87 |
| 475M4 | 42385 | 26d/30 Oct 87 | 71.9 g | 25 Nov 87 |
| 475M5 | 42386 | 25d/30 Oct 87 | 68.1 g | 25 Nov 87 |
| 476M1 | 42691 | 22d/15 Nov 87 | 57.4 g | 7 Dec 87 |
| 476M2 | 42692 | 22d/15 Nov 87 | 55.1 g | 7 Dec 87 |
| 488M1 | 42704 | 22d/18 Nov 87 | 44.0 g | 10 Dec 87 |
| 488M2 | 42705 | 22d/18 Nov 87 | 37.8 g | 10 Dec 87 |
| 488M4 | 42706 | 22d/18 Nov 87 | 39.7 g | 10 Dec 87 |
| 499M1 | 42555 | 24d/6 Nov 87 | 66.1 g | 30 Nov 87 |
| 499M7 | 42556 | 24d/6 Nov 87 | 59.2 g | 30 Nov 87 |
| 499M10 | 42557 | 24d/6 Nov 87 | 62.7 g | 30 Nov 87 |
| 501M2 | 42508 | 22d/5 Nov 87 | 58.6 g | 27 Nov 87 |
| 502M1 | 42567 | 23d/7 Nov 87 | 62.2 g | 30 Nov 87 |
| 502M3 | 42568 | 23d/7 Nov 87 | 62.8 g | 30 Nov 87 |
| 502M7 | 42569 | 23d/7 Nov 87 | 63.2 g | 30 Nov 87 |
| 518M1 | 42491 | 23d/4 Nov 87 | 45.2 g | 27 Nov 87 |
| 518M2 | 42492 | 23d/4 Nov 87 | 50.9 g | 27 Nov 87 |
| 518M4 | 42493 | 23d/4 Nov 87 | 50.8 g | 27 Nov 87 |
| 522M1 | 42523 | 22d/5 Nov 87 | 43.8 g | 27 Nov 87 |
| 522M2 | 42524 | 22d/5 Nov 87 | 47.9 g | 27 Nov 87 |
| 522M5 | 42525 | 22d/5 Nov 87 | 45.5 g | 27 Nov 87 |
| 531M2 | 42625 | 22d/8 Nov 87 | 49.2 g | 30 Nov 87 |
| 531M3 | 42626 | 22d/8 Nov 87 | 50.3 g | 30 Nov 87 |
| 531M6 | 42627 | 22d/8 Nov 87 | 47.7 g | 30 Nov 87 |
| 531M7 | 42628 | 22d/8 Nov 87 | 49.8 g | 30 Nov 87 |
| 533M5 | 42646 | 22d/9 Nov 87 | 39.1 g | 1 Dec 87 |
| 534M1 | 42611 | 22d/8 Nov 87 | 36.8 g | 30 Nov 87 |
| 534M2 | 42612 | 22d/8 Nov 87 | 40.9 g | 30 Nov 87 |
| 534M4 | 42613 | 22d/8 Nov 87 | 39.9 g | 30 Nov 87 |
| 536M1 | 42579 | 23d/7 Nov 87 | 53.2 g | 30 Nov 87 |
| 536M2 | 42580 | 23d/7 Nov 87 | 51.6 g | 30 Nov 87 |
| 536M4 | 42581 | 23d/7 Nov 87 | 54.1 g | 30 Nov 87 |
| 549M1 | 42647 | 22d/9 Nov 87 | 53.3 g | 1 Dec 87 |
| 549M3 | 42648 | 22d/9 Nov 87 | 52.7 g | 1 Dec 87 |
| 549M7 | 42649 | 22d/9 Nov 87 | 55.8 g | 1 Dec 87 |

# Pathology Annex A

## $F_1$ Dose Group 3 -Males

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0417M1 | 42468 | 22d/8 Nov 87 | 49.6 g | 30 Nov 87 |
| 417M2 | 42802 | 22d/8 Nov 87 | 56.4 g | 30 Nov 87 |
| 420M1 | 42159 | 22d/25 Oct 87 | 45.3 g | 16 Nov 87 |
| 420M2 | 42160 | 22d/25 Oct 87 | 39.6 g | 16 Nov 87 |
| 427M4 | 42209 | 24d/26 Oct 87 | 81.0 g | 19 Nov 87 |
| 432M1 | 42154 | 23d/24 Oct 87 | 50.5 g | 16 Nov 87 |
| 432M9 | 42155 | 23d/24 Oct 87 | 47.6 g | 16 Nov 87 |
| 435M1 | 42218 | 24d/26 Oct 87 | 64.2 g | 19 Nov 87 |
| 435M2 | 42219 | 24d/26 Oct 87 | 65.4 g | 19 Nov 87 |
| 435M4 | 42220 | 24d/26 Oct 87 | 63.4 g | 19 Nov 87 |
| 443M1 | 42176 | 22d/25 Oct 87 | 58.5 g | 16 Nov 87 |
| 443M2 | 42177 | 22d/25 Oct 87 | 58.8 g | 16 Nov 87 |
| 443M4 | 42178 | 22d/25 Oct 87 | 54.5 g | 16 Nov 87 |
| 456M1 | 42248 | 22d/28 Oct 87 | 45.3 g | 19 Nov 87 |
| 456M2 | 42249 | 22d/28 Oct 87 | 41.6 g | 19 Nov 87 |
| 456M4 | 42250 | 22d/28 Oct 87 | 45.9 g | 19 Nov 87 |
| 459M2 | 42325 | 22d/29 Oct 87 | 58.3 g | 20 Nov 87 |
| 466M1 | 42371 | 26d/30 Oct 87 | 69.6 g | 25 Nov 87 |
| 466M2 | 42372 | 26d/30 Oct 87 | 74.8 g | 25 Nov 87 |
| 469M1 | 42338 | 22d/29 Oct 87 | 48.2 g | 20 Nov 87 |
| 469M7 | 42339 | 22d/29 Oct 87 | 47.4 g | 20 Nov 87 |
| 469M10 | 42340 | 22d/29 Oct 87 | 49.6 g | 20 Nov 87 |
| 471M1 | 42479 | 23d/4 Nov 87 | 55.9 g | 27 Nov 87 |
| 471M2 | 42480 | 23d/4 Nov 87 | 58.0 g | 27 Nov 87 |
| 478M2 | 42400 | 25d/31 Oct 87 | 54.9 g | 25 Nov 87 |
| 478M3 | 42401 | 25d/31 Oct 87 | 63.9 g | 25 Nov 87 |
| 478M5 | 42402 | 25d/31 Oct 87 | 63.0 g | 25 Nov 87 |
| 480M1 | 42497 | 22d/5 Nov 87 | 49.7 g | 27 Nov 87 |
| 480M2 | 42498 | 22d/5 Nov 87 | 50.0 g | 27 Nov 87 |
| 490M1 | 42427 | 23d/2 Nov 87 | 55.0 g | 25 Nov 87 |
| 490M2 | 42428 | 23d/2 Nov 87 | 62.4 g | 25 Nov 87 |
| 490M6 | 42429 | 23d/2 Nov 87 | 62.6 g | 25 Nov 87 |
| 494M1 | 42503 | 22d/5 Nov 87 | 52.4 g | 27 Nov 87 |
| 494M2 | 42504 | 22d/5 Nov 87 | 52.6 g | 27 Nov 87 |
| 494M4 | 42505 | 22d/5 Nov 87 | 48.7 g | 27 Nov 87 |
| 508M2 | 42749 | 22d/19 Nov 87 | 49.2 g | 11 Dec 87 |
| 511M1 | 42561 | 24d/6 Nov 87 | 51.1 g | 30 Nov 87 |
| 511M2 | 42562 | 24d/6 Nov 87 | 46.4 g | 30 Nov 87 |
| 511M4 | 42563 | 24d/6 Nov 87 | 52.6 g | 30 Nov 87 |
| 515M1 | 42572 | 23d/7 Nov 87 | 50.5 g | 30 Nov 87 |

# Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0515M2 | 42573 | 23d/7 Nov 87 | 48.2 g | 30 Nov 87 |
| 515M5 | 42574 | 23d/7 Nov 87 | 55.1 g | 30 Nov 87 |
| 526M1 | 42640 | 22d/9 Nov 87 | 47.6 g | 1 Dec 87 |
| 526M2 | 42641 | 22d/9 Nov 87 | 53.3 g | 1 Dec 87 |
| 526M4 | 42642 | 22d/9 Nov 87 | 47.2 g | 1 Dec 87 |
| 527M2 | 42752 | 22d/19 Nov 87 | 55.5 g | 11 Dec 87 |
| 527M3 | 42753 | 22d/19 Nov 87 | 50.2 g | 11 Dec 87 |
| 527M8 | 42754 | 22d/19 Nov 87 | 57.9 g | 11 Dec 87 |
| 537M2 | 42617 | 22d/8 Nov 87 | 50.1 g | 30 Nov 87 |
| 543M5 | 42775 | 22d/23 Nov 87 | 49.1 g | 15 Dec 87 |
| 547M1 | 42462 | 23d/7 Nov 87 | 55.6 g | 30 Nov 87 |
| 547M2 | 42463 | 23d/7 Nov 87 | 60.3 g | 30 Nov 87 |
| 547M5 | 42464 | 23d/7 Nov 87 | 55.3 g | 30 Nov 87 |

$F_1$ Dose Group 4 -Males

| | | | | |
|---|---|---|---|---|
| 87D0414M1 | 42669 | 22d/11 Nov 87 | 43.4 g | 3 Dec 87 |
| 414M2 | 42670 | 22d/11 Nov 87 | 46.1 g | 3 Dec 87 |
| 414M4 | 42671 | 22d/11 Nov 87 | 44.6 g | 3 Dec 87 |
| 426M1 | 42203 | 24d/26 Oct 87 | 54.5 g | 19 Nov 87 |
| 426M2 | 42204 | 24d/26 Oct 87 | 50.0 g | 19 Nov 87 |
| 426M5 | 42205 | 24d/26 Oct 87 | 56.8 g | 19 Nov 87 |
| 429M1 | 42210 | 24d/26 Oct 87 | 61.7 g | 19 Nov 87 |
| 429M3 | 42211 | 24d/26 Oct 87 | 55.2 g | 19 Nov 87 |
| 429M7 | 42212 | 24d/26 Oct 87 | 59.8 g | 19 Nov 87 |
| 450M1 | 42242 | 22d/28 Oct 87 | 44.0 g | 19 Nov 87 |
| 450M2 | 42243 | 22d/28 Oct 87 | 45.7 g | 19 Nov 87 |
| 450M6 | 42244 | 22d/28 Oct 87 | 40.2 g | 19 Nov 87 |
| 467M1 | 42377 | 26d/30 Oct 87 | 66.7 g | 25 Nov 87 |
| 467M2 | 42378 | 26d/30 Oct 87 | 62.4 g | 25 Nov 87 |
| 477M2 | 42388 | 26d/30 Oct 87 | 72.2 g | 25 Nov 87 |
| 477M3 | 42389 | 26d/30 Oct 87 | 69.0 g | 25 Nov 87 |
| 477M8 | 42390 | 26d/30 Oct 87 | 64.6 g | 25 Nov 87 |
| 500M1 | 42422 | 24d/1 Nov 87 | 63.9 g | 25 Nov 87 |
| 500M2 | 42423 | 24d/1 Nov 87 | 67.4 g | 25 Nov 87 |
| 503M1 | 42694 | 22d/17 Nov 87 | 41.4 g | 9 Dec 87 |
| 503M2 | 42695 | 22d/17 Nov 87 | 37.1 g | 9 Dec 87 |
| 503M5 | 42696 | 22d/17 Nov 87 | 40.0 g | 9 Dec 87 |
| 504M1 | 42485 | 23d/4 Nov 87 | 51.1 g | 27 Nov 87 |
| 504M2 | 42486 | 23d/4 Nov 87 | 47.2 g | 27 Nov 87 |
| 504M5 | 42487 | 23d/4 Nov 87 | 48.9 g | 27 Nov 87 |
| 505M1 | 42437 | 23d/2 Nov 87 | 53.9 g | 25 Nov 87 |
| 505M2 | 42438 | 23d/2 Nov 87 | 50.8 g | 25 Nov 87 |

Appendix O (Cont.): PATHOLOGY

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0505M6 | 42439 | 23d/2 Nov 87 | 63.5 g | 25 Nov 87 |
| 506M1 | 42509 | 22d/5 Nov 87 | 45.2 g | 27 Nov 87 |
| 506M2 | 42510 | 22d/5 Nov 87 | 47.9 g | 27 Nov 87 |
| 506M4 | 42511 | 22d/5 Nov 87 | 45.9 g | 27 Nov 87 |
| 510M1 | 42515 | 22d/5 Nov 87 | 44.2 g | 27 Nov 87 |
| 510M2 | 42516 | 22d/5 Nov 87 | 46.7 g | 27 Nov 87 |
| 513M1 | 42517 | 22d/5 Nov 87 | 50.4 g | 27 Nov 87 |
| 513M2 | 42518 | 22d/5 Nov 87 | 51.4 g | 27 Nov 87 |
| 513M4 | 42519 | 22d/5 Nov 87 | 48.6 g | 27 Nov 87 |
| 517M1 | 42459 | 22d/8 Nov 87 | 55.0 g | 30 Nov 87 |
| 517M2 | 42620 | 22d/8 Nov 87 | 47.2 g | 30 Nov 87 |
| 517M5 | 42621 | 22d/8 Nov 87 | 52.7 g | 30 Nov 87 |
| 538M4 | 42601 | 22d/8 Nov 87 | 54.4 g | 30 Nov 87 |
| 539M1 | 42604 | 22d/8 Nov 87 | 48.6 g | 30 Nov 87 |
| 539M2 | 42605 | 22d/8 Nov 87 | 49.9 g | 30 Nov 87 |
| 539M4 | 42606 | 22d/8 Nov 87 | 52.8 g | 30 Nov 87 |
| 540M1 | 42782 | 22d/24 Nov 87 | 43.2 g | 16 Dec 87 |
| 540M2 | 42783 | 22d/24 Nov 87 | 43.9 g | 16 Dec 87 |
| 540M5 | 42784 | 22d/24 Nov 87 | 45.9 g | 16 Dec 87 |

### $F_2$ Dose Group 1 - Females

| | | | | |
|---|---|---|---|---|
| 87D0814F1 | 43239 | 24d/8 Apr 88 | 54.4 g | 2 May 88 |
| 814F7 | 43240 | 24d/8 Apr 88 | 55.3 g | 2 May 88 |
| 814F9 | 43241 | 24d/8 Apr 88 | 63.0 g | 2 May 88 |
| 814F10 | 43242 | 24d/8 Apr 88 | 59.0 g | 2 May 88 |
| 822F5 | 43212 | 22d/7 Apr 88 | 44.9 g | 29 Apr 88 |
| 830F1 | 43611 | 22d/25 Apr 88 | 46.0 g | 17 May 88 |
| 830F2 | 43612 | 22d/25 Apr 88 | 46.6 g | 17 May 88 |
| 830F3 | 43613 | 22d/25 Apr 88 | 45.1 g | 17 May 88 |
| 830F4 | 43614 | 22d/25 Apr 88 | 45.1 g | 17 May 88 |
| 848F2 | 43295 | 23d/9 Apr 88 | 51.3 g | 2 May 88 |
| 848F3 | 43296 | 23d/9 Apr 88 | 50.9 g | 2 May 88 |
| 848F4 | 43297 | 23d/9 Apr 88 | 51.4 g | 2 May 88 |
| 848F8 | 43298 | 23d/9 Apr 88 | 52.1 g | 2 May 88 |
| 858F1 | 43318 | 23d/10 Apr 88 | 61.3 g | 3 May 88 |
| 858F5 | 43319 | 23d/10 Apr 88 | 58.0 g | 3 May 88 |
| 858F7 | 43320 | 23d/10 Apr 88 | 63.4 g | 3 May 88 |
| 862F1 | 43326 | 23d/10 Apr 88 | 52.1 g | 3 May 88 |
| 862F2 | 43327 | 23d/10 Apr 88 | 57.8 g | 3 May 88 |
| 862F3 | 43328 | 23d/10 Apr 88 | 44.6 g | 3 May 88 |
| 862F4 | 43329 | 23d/10 Apr 88 | 57.1 g | 3 May 88 |

# Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0872F1 | 43341 | 23d/10 Apr 88 | 64.1 g | 3 May 88 |
| 872F2 | 43342 | 23d/10 Apr 88 | 59.2 g | 3 May 88 |
| 872F3 | 43343 | 23d/10 Apr 88 | 65.8 g | 3 May 88 |
| 872F4 | 43344 | 23d/10 Apr 88 | 64.7 g | 3 May 88 |
| 876F1 | 43364 | 22d/11 Apr 88 | 50.0 g | 3 May 88 |
| 876F2 | 43365 | 22d/11 Apr 88 | 49.7 g | 3 May 88 |
| 876F4 | 43366 | 22d/11 Apr 88 | 50.6 g | 3 May 88 |
| 878F1 | 43495 | 22d/14 Apr 88 | 50.2 g | 6 May 88 |
| 878F2 | 43496 | 22d/14 Apr 88 | 52.7 g | 6 May 88 |
| 878F5 | 43497 | 22d/14 Apr 88 | 47.0 g | 6 May 88 |
| 878F6 | 43498 | 22d/14 Apr 88 | 55.4 g | 6 May 88 |
| 922F1 | 43620 | 22d/26 Apr 88 | 57.9 g | 18 May 88 |
| 922F2 | 43621 | 22d/26 Apr 88 | 49.8 g | 18 May 88 |
| 922F3 | 43622 | 22d/26 Apr 88 | 49.9 g | 18 May 88 |
| 922F4 | 43623 | 22d/26 Apr 88 | 49.3 g | 18 May 88 |
| 940F1 | 43449 | 22d/12 Apr 88 | 36.0 g | 4 May 88 |
| 940F3 | 43450 | 22d/12 Apr 88 | 36.1 g | 4 May 88 |
| 940F4 | 43451 | 22d/12 Apr 88 | 38.2 g | 4 May 88 |
| 952F1 | 43676 | 22d/1 May 88 | 58.9 g | 23 May 88 |
| 952F2 | 43677 | 22d/1 May 88 | 56.3 g | 23 May 88 |
| *952F6 | 43679 | 22d/1 May 88 | 35.4 g | 23 May 88 |
| 956F1 | 43518 | 22d/14 Apr 88 | 46.2 g | 6 May 88 |
| 956F2 | 43519 | 22d/14 Apr 88 | 45.3 g | 6 May 88 |
| 956F6 | 43520 | 22d/14 Apr 88 | 43.2 g | 6 May 88 |
| 970F2 | 43524 | 22d/14 Apr 88 | 59.6 g | 6 May 88 |
| 970F4 | 43525 | 22d/14 Apr 88 | 60.0 g | 6 May 88 |
| 972F1 | 43531 | 22d/14 Apr 88 | 46.8 g | 6 May 88 |
| 972F3 | 43532 | 22d/14 Apr 88 | 48.2 g | 6 May 88 |
| 972F5 | 43533 | 22d/14 Apr 88 | 49.5 g | 6 May 88 |
| 972F7 | 43534 | 22d/14 Apr 88 | 50.6 g | 6 May 88 |

*952F4 — 43678 - gross lesions observed, separate report

# Pathology Annex A

## $F_2$ Dose Group 2 - Females

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0808F1 | 43414 | 22d/12 Apr 88 | 40.6 g | 4 May 88 |
| 808F2 | 43415 | 22d/12 Apr 88 | 38.3 g | 4 May 88 |
| 808F3 | 43416 | 22d/12 Apr 88 | 39.8 g | 4 May 88 |
| 808F4 | 43417 | 22d/12 Apr 88 | 41.9 g | 4 May 88 |
| 844F1 | 43632 | 22d/27 Apr 88 | 46.8 g | 19 May 88 |
| 844F4 | 43633 | 22d/27 Apr 88 | 58.8 g | 19 May 88 |
| 854F1 | 43269 | 24d/8 Apr 88 | 64.0 g | 2 May 88 |
| 854F2 | 43270 | 24d/8 Apr 88 | 61.4 g | 2 May 88 |
| 854F4 | 43271 | 24d/8 Apr 88 | 61.9 g | 2 May 88 |
| 854F7 | 43272 | 24d/8 Apr 88 | 63.6 g | 2 May 88 |
| 864F1 | 43430 | 22d/12 Apr 88 | 61.5 g | 4 May 88 |
| 864F2 | 43431 | 22d/12 Apr 88 | 63.3 g | 4 May 88 |
| 866F1 | 43334 | 23d/10 Apr 88 | 58.7 g | 3 May 88 |
| 866F2 | 43335 | 23d/10 Apr 88 | 54.0 g | 3 May 88 |
| 866F4 | 43336 | 23d/10 Apr 88 | 58.7 g | 3 May 88 |
| *868F2 | 43434 | 22d/12 Apr 88 | 70.6 g | 4 May 88 |
| 886F1 | 43602 | 22d/24 Apr 88 | 53.3 g | 16 May 88 |
| 886F2 | 43603 | 22d/24 Apr 88 | 53.3 g | 16 May 88 |
| 886F4 | 43604 | 22d/24 Apr 88 | 51.9 g | 16 May 88 |
| 886F5 | 43605 | 22d/24 Apr 88 | 49.8 g | 16 May 88 |
| 892F1 | 43503 | 22d/14 Apr 88 | 45.6 g | 6 May 88 |
| 892F3 | 43504 | 22d/14 Apr 88 | 52.6 g | 6 May 88 |
| 892F4 | 43505 | 22d/14 Apr 88 | 46.6 g | 6 May 88 |
| 902F1 | 43384 | 22d/11 Apr 88 | 44.2 g | 3 May 88 |
| 904F1 | 43511 | 22d/14 Apr 88 | 41.2 g | 6 May 88 |
| 904F3 | 43512 | 22d/14 Apr 88 | 53.2 g | 6 May 88 |
| 908F1 | 43399 | 22d/11 Apr 88 | 46.9 g | 3 May 88 |
| 908F2 | 43400 | 22d/11 Apr 88 | 48.1 g | 3 May 88 |
| 908F3 | 43401 | 22d/11 Apr 88 | 42.3 g | 3 May 88 |
| 914F1 | 43639 | 22d/27 Apr 88 | 37.3 g | 19 May 88 |
| 914F2 | 43640 | 22d/27 Apr 88 | 38.6 g | 19 May 88 |
| 914F6 | 43641 | 22d/27 Apr 88 | 36.9 g | 19 May 88 |
| 926F1 | 43405 | 22d/11 Apr 88 | 46.7 g | 3 May 88 |
| 926F2 | 43406 | 22d/11 Apr 88 | 47.7 g | 3 May 88 |
| 928F1 | 43545 | 24d/15 Apr 88 | 55.1 g | 9 May 88 |
| 928F2 | 43546 | 24d/15 Apr 88 | 54.0 g | 9 May 88 |
| 928F5 | 43547 | 24d/15 Apr 88 | 60.1 g | 9 May 88 |
| 928F6 | 43548 | 24d/15 Apr 88 | 57.5 g | 9 May 88 |
| 942F1 | 43457 | 22d/12 Apr 88 | 45.3 g | 4 May 88 |
| 942F6 | 43458 | 22d/12 Apr 88 | 49.4 g | 4 May 88 |
| 948F1 | 43469 | 22d/13 Apr 88 | 47.8 g | 5 May 88 |
| 948F2 | 43470 | 22d/13 Apr 88 | 52.3 g | 5 May 88 |
| 948F3 | 43471 | 22d/13 Apr 88 | 49.7 g | 5 May 88 |

*868F2 43434 - gross lesions observed, separate report

# Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0948F4 | 43472 | 22d/13 Apr 88 | 41.2 g | 5 May 88 |
| 960F1 | 43478 | 22d/13 Apr 88 | 46.6 g | 5 May 88 |
| 960F2 | 43479 | 22d/13 Apr 88 | 48.3 g | 5 May 88 |
| 960F3 | 43480 | 22d/13 Apr 88 | 47.9 g | 5 May 88 |
| 960F4 | 43481 | 22d/13 Apr 88 | 42.7 g | 5 May 88 |
| 964F1 | 43485 | 22d/13 Apr 88 | 51.2 g | 5 May 88 |
| 964F8 | 43486 | 22d/13 Apr 88 | 53.9 g | 5 May 88 |
| | | $F_2$ Dose Group 3 - Females | | |
| 87D0804F2 | 43287 | 23d/9 Apr 88 | 58.0 g | 2 May 88 |
| 804F3 | 43288 | 23d/9 Apr 88 | 66.8 g | 2 May 88 |
| 804F8 | 43289 | 23d/9 Apr 88 | 53.8 g | 2 May 88 |
| 812F1 | 43233 | 24d/8 Apr 88 | 58.2 g | 2 May 88 |
| 826F2 | 43571 | 23d/17 Apr 88 | 46.3 g | 10 May 88 |
| 826F3 | 43572 | 23d/17 Apr 88 | 42.7 g | 10 May 88 |
| 826F4 | 43573 | 23d/17 Apr 88 | 48.6 g | 10 May 88 |
| 826F8 | 43574 | 23d/17 Apr 88 | 52.1 g | 10 May 88 |
| 836F1 | 43247 | 24d/8 Apr 88 | 68.2 g | 2 May 88 |
| 836F3 | 43248 | 24d/8 Apr 88 | 62.3 g | 2 May 88 |
| 836F4 | 43249 | 24d/8 Apr 88 | 62.6 g | 2 May 88 |
| 846F3 | 43255 | 24d/8 Apr 88 | 57.4 g | 2 May 88 |
| 846F4 | 43256 | 24d/8 Apr 88 | 59.3 g | 2 May 88 |
| 846F8 | 43257 | 24d/8 Apr 88 | 57.6 g | 2 May 88 |
| 882F1 | 43372 | 22d/11 Apr 88 | 45.8 g | 3 May 88 |
| 882F2 | 43373 | 22d/11 Apr 88 | 45.6 g | 3 May 88 |
| 882F4 | 43374 | 22d/11 Apr 88 | 46.3 g | 3 May 88 |
| 882F5 | 43375 | 22d/11 Apr 88 | 46.2 g | 3 May 88 |
| 890F1 | 43379 | 22d/11 Apr 88 | 61.1 g | 3 May 88 |
| 890F4 | 43380 | 22d/11 Apr 88 | 57.1 g | 3 May 88 |
| 890F6 | 43381 | 22d/11 Apr 88 | 60.1 g | 3 May 88 |
| 906F2 | 43390 | 22d/11 Apr 88 | 49.6 g | 3 May 88 |
| 906F6 | 43391 | 22d/11 Apr 88 | 49.4 g | 3 May 88 |
| 906F7 | 43392 | 22d/11 Apr 88 | 51.8 g | 3 May 88 |
| 906F8 | 43393 | 22d/11 Apr 88 | 46.3 g | 3 May 88 |
| 910F1 | 43663 | 22d/28 Apr 88 | 45.9 g | 20 May 88 |
| 910F2 | 43664 | 22d/28 Apr 88 | 38.7 g | 20 May 88 |
| 910F4 | 43665 | 22d/28 Apr 88 | 42.2 g | 20 May 88 |
| 910F5 | 43666 | 22d/28 Apr 88 | 42.3 g | 20 May 88 |
| 918F1 | 43439 | 22d/12 Apr 88 | 56.8 g | 4 May 88 |
| 918F2 | 43440 | 22d/12 Apr 88 | 55.4 g | 4 May 88 |
| 918F3 | 43441 | 22d/12 Apr 88 | 59.2 g | 4 May 88 |
| 918F4 | 43442 | 22d/12 Apr 88 | 57.4 g | 4 May 88 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0920F1 | 43564 | 23d/16 Apr 88 | 57.0 g | 9 May 88 |
| 920F6 | 43565 | 23d/16 Apr 88 | 68.2 g | 9 May 88 |
| 930F1 | 43671 | 23d/30 Apr 88 | 60.5 g | 23 May 88 |
| 944F1 | 43554 | 24d/15 Apr 88 | 57.5 g | 9 May 88 |
| 944F2 | 43555 | 24d/15 Apr 88 | 48.8 g | 9 May 88 |
| 944F3 | 43556 | 24d/15 Apr 88 | 49.2 g | 9 May 88 |
| 944F4 | 43557 | 24d/15 Apr 88 | 48.2 g | 9 May 88 |
| 968F1 | 43685 | 22d/1 May 88 | 53.3 g | 23 May 88 |
| 968F4 | 43686 | 22d/1 May 88 | 53.7 g | 23 May 88 |
| 968F6 | 43687 | 22d/1 May 88 | 47.7 g | 23 May 88 |
| 968F8 | 43688 | 22d/1 May 88 | 55.1 g | 23 May 88 |

### $F_2$ Dose Group 4 - Females

| | | | | |
|---|---|---|---|---|
| 87D0816F1 | 43207 | 22d/7 Apr 88 | 50.5 g | 29 Apr 88 |
| 816F2 | 43208 | 22d/7 Apr 88 | 54.1 g | 29 Apr 88 |
| 816F3 | 43209 | 22d/7 Apr 88 | 54.6 g | 29 Apr 88 |
| 816F4 | 43210 | 22d/7 Apr 88 | 59.1 g | 29 Apr 88 |
| 820F1 | 43537 | 24d/15 Apr 88 | 60.6 g | 9 May 88 |
| 820F2 | 43538 | 24d/15 Apr 88 | 62.4 g | 9 May 88 |
| 824F1 | 43423 | 22d/12 Apr 88 | 44.0 g | 4 May 88 |
| 824F2 | 43424 | 22d/12 Apr 88 | 44.8 g | 4 May 88 |
| 824F3 | 43425 | 22d/12 Apr 88 | 46.8 g | 4 May 88 |
| 824F4 | 43426 | 22d/12 Apr 88 | 46.2 g | 4 May 88 |
| 834F1 | 43219 | 22d/7 Apr 88 | 50.1 g | 29 Apr 88 |
| 834F2 | 43220 | 22d/7 Apr 88 | 51.7 g | 29 Apr 88 |
| 834F3 | 43221 | 22d/7 Apr 88 | 49.8 g | 29 Apr 88 |
| 852F2 | 43261 | 24d/8 Apr 88 | 50.2 g | 2 May 88 |
| 852F4 | 43262 | 24d/8 Apr 88 | 44.5 g | 2 May 88 |
| 852F6 | 43263 | 24d/8 Apr 88 | 43.9 g | 2 May 88 |
| 852F10 | 43264 | 24d/8 Apr 88 | 48.8 g | 2 May 88 |
| 856F1 | 43279 | 24d/8 Apr 88 | 56.4 g | 2 May 88 |
| 856F2 | 43280 | 24d/8 Apr 88 | 47.4 g | 2 May 88 |
| 856F3 | 43281 | 24d/8 Apr 88 | 54.4 g | 2 May 88 |
| 868F1 | 43433 | 22d/12 Apr 88 | 74.9 g | 4 May 88 |
| 874F2 | 43593 | 22d/24 Apr 88 | 49.3 g | 16 May 88 |
| 874F3 | 43594 | 22d/24 Apr 88 | 48.3 g | 16 May 88 |
| 874F4 | 43595 | 22d/24 Apr 88 | 50.6 g | 16 May 88 |
| 874F8 | 43596 | 22d/24 Apr 88 | 49.8 g | 16 May 88 |
| 884F1 | 43350 | 23d/10 Apr 88 | 53.8 g | 3 May 88 |
| 884F2 | 43351 | 23d/10 Apr 88 | 53.0 g | 3 May 88 |
| 884F4 | 43352 | 23d/10 Apr 88 | 55.8 g | 3 May 88 |

# Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0884F5 | 43353 | 23d/10 Apr 88 | 53.9 g | 3 May 88 |
| 894F1 | 43579 | 22d/18 Apr 88 | 46.6 g | 10 May 88 |
| 894F2 | 43580 | 22d/18 Apr 88 | 40.2 g | 10 May 88 |
| 894F5 | 43581 | 22d/18 Apr 88 | 43.9 g | 10 May 88 |
| 894F6 | 43582 | 22d/18 Apr 88 | 46.4 g | 10 May 88 |
| 898F1 | 43357 | 23d/10 Apr 88 | 59.6 g | 3 May 88 |
| 898F2 | 43358 | 23d/10 Apr 88 | 65.9 g | 3 May 88 |
| 898F3 | 43359 | 23d/10 Apr 88 | 59.0 g | 3 May 88 |
| 934F1 | 43647 | 22d/27 Apr 88 | 44.1 g | 19 May 88 |
| 934F2 | 43648 | 22d/27 Apr 88 | 46.2 g | 19 May 88 |
| 934F3 | 43649 | 22d/27 Apr 88 | 42.6 g | 19 May 88 |
| 934F4 | 43650 | 22d/27 Apr 88 | 43.8 g | 19 May 88 |

$F_2$ Dose Group 1 -Males

| | | | | |
|---|---|---|---|---|
| 87D0814M1 | 43235 | 24d/8 Apr 88 | 53.1 g | 2 May 88 |
| 814M2 | 43236 | 24d/8 Apr 88 | 55.7 g | 2 May 88 |
| 814M3 | 43237 | 24d/8 Apr 88 | 64.6 g | 2 May 88 |
| 814M4 | 43238 | 24d/8 Apr 88 | 57.5 g | 2 May 88 |
| 830M1 | 43607 | 22d/25 Apr 88 | 45.3 g | 17 May 88 |
| 830M2 | 43608 | 22d/25 Apr 88 | 35.0 g | 17 May 88 |
| 830M5 | 43609 | 22d/25 Apr 88 | 40.3 g | 17 May 88 |
| 830M6 | 43610 | 22d/25 Apr 88 | 49.3 g | 17 May 88 |
| 848M1 | 43291 | 23d/9 Apr 88 | 55.8 g | 2 May 88 |
| 848M2 | 43292 | 23d/9 Apr 88 | 47.6 g | 2 May 88 |
| 848M4 | 43293 | 23d/9 Apr 88 | 56.2 g | 2 May 88 |
| 848M5 | 43294 | 23d/9 Apr 88 | 54.4 g | 2 May 88 |
| 858M2 | 43315 | 23d/10 Apr 88 | 58.6 g | 3 May 88 |
| 858M5 | 43316 | 23d/10 Apr 88 | 61.8 g | 3 May 88 |
| 858M6 | 43317 | 23d/10 Apr 88 | 59.9 g | 3 May 88 |
| 862M2 | 43322 | 23d/10 Apr 88 | 63.7 g | 3 May 88 |
| 862M3 | 43323 | 23d/10 Apr 88 | 57.0 g | 3 May 88 |
| 862M4 | 43324 | 23d/10 Apr 88 | 53.2 g | 3 May 88 |
| 862M6 | 43325 | 23d/10 Apr 88 | 57.2 g | 3 May 88 |
| 872M1 | 43338 | 23d/10 Apr 88 | 60.5 g | 3 May 88 |
| 872M2 | 43339 | 23d/10 Apr 88 | 67.4 g | 3 May 88 |
| 872M3 | 43340 | 23d/10 Apr 88 | 62.3 g | 3 May 88 |
| 876M2 | 43361 | 22d/11 Apr 88 | 55.3 g | 3 May 88 |
| 876M3 | 43362 | 22d/11 Apr 88 | 46.8 g | 3 May 88 |
| 876M4 | 43363 | 22d/11 Apr 88 | 52.1 g | 3 May 88 |
| 878M1 | 43491 | 22d/14 Apr 88 | 54.8 g | 6 May 88 |
| 878M2 | 43492 | 22d/14 Apr 88 | 56.2 g | 6 May 88 |
| 878M3 | 43493 | 22d/14 Apr 88 | 53.4 g | 6 May 88 |
| 878M4 | 43494 | 22d/14 Apr 88 | 58.7 g | 6 May 88 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0922M2 | 43617 | 22d/26 Apr 88 | 52.8 g | 18 May 88 |
| 922M3 | 43618 | 22d/26 Apr 88 | 52.9 g | 18 May 88 |
| 922M4 | 43619 | 22d/26 Apr 88 | 51.0 g | 18 May 88 |
| 940M2 | 43444 | 22d/12 Apr 88 | 37.3 g | 4 May 88 |
| 940M3 | 43445 | 22d/12 Apr 88 | 36.3 g | 4 May 88 |
| 940M6 | 43446 | 22d/12 Apr 88 | 34.1 g | 4 May 88 |
| 940M7 | 43447 | 22d/12 Apr 88 | 39.3 g | 4 May 88 |
| 940M8 | 43448 | 22d/12 Apr 88 | 42.9 g | 4 May 88 |
| 952M2 | 43673 | 22d/1 May 88 | 60.8 g | 23 May 88 |
| 952M4 | 43674 | 22d/1 May 88 | 60.8 g | 23 May 8 |
| 952M5 | 43675 | 22d/1 May 88 | 63.9 g | 23 May 88 |
| 956M1 | 43514 | 22d/14 Apr 88 | 50.0 g | 6 May 88 |
| 956M2 | 43515 | 22d/14 Apr 88 | 51.1 g | 6 May 88 |
| 956M4 | 43516 | 22d/14 Apr 88 | 52.9 g | 6 May 88 |
| 956M5 | 43517 | 22d/14 Apr 88 | 49.6 g | 6 May 88 |
| 972M1 | 43527 | 22d/14 Apr 88 | 56.3 g | 6 May 88 |
| 972M2 | 43528 | 22d/14 Apr 88 | 58.3 g | 6 May 88 |
| 972M3 | 43529 | 22d/14 Apr 88 | 42.8 g | 6 May 88 |
| 972M4 | 43530 | 22d/14 Apr 88 | 34.9 g | 6 May 88 |

### $F_2$ Dose Group 2 - Males

| | | | | |
|---|---|---|---|---|
| 87D0808M1 | 43410 | 22d/12 Apr 88 | 37.5 g | 4 May 88 |
| 808M3 | 43411 | 22d/12 Apr 88 | 34.8 g | 4 May 88 |
| 808M5 | 43412 | 22d/12 Apr 88 | 42.5 g | 4 May 88 |
| 808M7 | 43413 | 22d/12 Apr 88 | 37.0 g | 4 May 88 |
| 844M1 | 43628 | 22d/27 Apr 88 | 38.4 g | 19 May 88 |
| 844M3 | 43629 | 22d/27 Apr 88 | 43.4 g | 19 May 88 |
| 844M4 | 43630 | 22d/27 Apr 88 | 45.4 g | 19 May 88 |
| 844M6 | 43631 | 22d/27Apr 88 | 36.0 g | 19 May 88 |
| 854M3 | 43266 | 24d/8 Apr 88 | 63.2 g | 2 May 88 |
| 854M5 | 43267 | 24d/8 Apr 88 | 69.7 g | 2 May 88 |
| 854M6 | 43268 | 24d/8 Apr 88 | 69.1 g | 2 May 88 |
| 864M1 | 43428 | 22d/12 Apr 88 | 60.4 g | 4 May 88 |
| 864M2 | 43429 | 22d/12 Apr 88 | 63.4 g | 4 May 88 |
| 866M2 | 43331 | 23d/10 Apr 88 | 62.8 g | 3 May 88 |
| 866M4 | 43332 | 23d/10 Apr 88 | 54.1 g | 3 May 88 |
| 866M6 | 43333 | 23d/10 Apr 88 | 55.1 g | 3 May 88 |
| 886M1 | 43598 | 22d/24 Apr 88 | 52.3 g | 16 May 88 |
| 886M2 | 43599 | 22d/24 Apr 88 | 52.6 g | 16 May 88 |
| 886M5 | 43600 | 22d/24 Apr 88 | 59.6 g | 16 May 88 |
| 886M6 | 43601 | 22d/24 Apr 88 | 56.3 g | 16 May 88 |
| 892M1 | 43500 | 22d/14 Apr 88 | 56.0 g | 6 May 88 |
| 892M2 | 43501 | 22d/14 Apr 88 | 50.8 g | 6 May 88 |
| 892M3 | 43502 | 22d/14 Apr 88 | 55.5 g | 6 May 88 |

# Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0902M1 | 43383 | 22d/11 Apr 88 | 44.3 g | 3 May 88 |
| 904M1 | 43507 | 22d/14 Apr 88 | 51.3 g | 6 May 88 |
| 904M2 | 43508 | 22d/14 Apr 88 | 48.7 g | 6 May 88 |
| 904M3 | 43509 | 22d/14 Apr 88 | 56.3 g | 6 May 88 |
| 904M5 | 43510 | 22d/14 Apr 88 | 50.5 g | 6 May 88 |
| 908M2 | 43395 | 22d/11 Apr 88 | 47.3 g | 3 May 88 |
| 908M3 | 43396 | 22d/11 Apr 88 | 46.6 g | 3 May 88 |
| 908M4 | 43397 | 22d/11 Apr 88 | 46.9 g | 3 May 88 |
| 908M7 | 43398 | 22d/11 Apr 88 | 49.4 g | 3 May 88 |
| 914M1 | 43635 | 22d/27 Apr 88 | 38.8 g | 19 May 88 |
| 914M2 | 43636 | 22d/27 Apr 88 | 38.6 g | 19 May 88 |
| 914M5 | 43637 | 22d/27 Apr 88 | 38.4 g | 19 May 88 |
| 914M6 | 43638 | 22d/27 Apr 88 | 39.3 g | 19 May 88 |
| 926M1 | 43403 | 22d/11 Apr 88 | 51.3 g | 3 May 88 |
| 926M3 | 43404 | 22d/11 Apr 88 | 53.6 g | 3 May 88 |
| 928M1 | 43540 | 24d/15 Apr 88 | 58.3 g | 9 May 88 |
| 928M2 | 43542 | 24d/15 Apr 88 | 58.5 g | 9 May 88 |
| 928M3 | 43543 | 24d/15 Apr 88 | 61.8 g | 9 May 88 |
| 928M4 | 43544 | 24d/15 Apr 88 | 58.6 g | 9 May 88 |
| 942M1 | 43453 | 22d/12 Apr 88 | 46.2 g | 4 May 88 |
| 942M2 | 43454 | 22d/12 Apr 88 | 42.2 g | 4 May 88 |
| 942M5 | 43455 | 22d/12 Apr 88 | 45.7 g | 4 May 88 |
| 942M6 | 43456 | 22d/12 Apr 88 | 44.3 g | 4 May 88 |
| 948M2 | 43466 | 22d/13 Apr 88 | 53.9 g | 5 May 88 |
| 948M1 | 43465 | 22d/13 Apr 88 | 51.2 g | 5 May 88 |
| 948M5 | 43467 | 22d/13 Apr 88 | 56.4 g | 5 May 88 |
| 948M6 | 43468 | 22d/13 Apr 88 | 55.7 g | 5 May 88 |
| 960M1 | 43474 | 22d/13 Apr 88 | 48.8 g | 5 May 88 |
| 960M3 | 43475 | 22d/13 Apr 88 | 49.1 g | 5 May 88 |
| 960M5 | 43476 | 22d/13 Apr 88 | 49.7 g | 5 May 88 |
| 960M7 | 43477 | 22d/13 Apr 88 | 49.8 g | 5 May 88 |
| 964M1 | 43483 | 22d/13 Apr 88 | 47.8 g | 5 May 88 |
| 964M3 | 43484 | 22d/13 Apr 88 | 53.0 g | 5 May 88 |
| $F_2$ Dose Group 3 - Males | | | | |
| 87D0804M1 | 43283 | 23d/9 Apr 88 | 58.0 g | 2 May 88 |
| 804M2 | 43284 | 23d/9 Apr 88 | 63.9 g | 2 May 88 |
| 804M4 | 43285 | 23d/9 Apr 88 | 60.9 g | 2 May 88 |
| 804M5 | 43286 | 23d/9 Apr 88 | 67.8 g | 2 May 88 |
| 812M1 | 43231 | 24d/8 Apr 88 | 60.3 g | 2 May 88 |
| 812M2 | 43232 | 24d/8 Apr 88 | 54.2 g | 2 May 88 |
| 826M2 | 43568 | 23d/17 Apr 88 | 60.2 g | 10 May 88 |

## Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0826M5 | 43569 | 23d/17 Apr 88 | 48.2 g | 10 May 88 |
| 826M6 | 43570 | 23d/17 Apr 88 | 60.7 g | 10 May 88 |
| 836M2 | 43244 | 24d/8 Apr 88 | 68.0 g | 2 May 88 |
| 836M5 | 43245 | 24d/8 Apr 88 | 61.6 g | 2 May 88 |
| 836M6 | 43246 | 24d/8 Apr 88 | 72.6 g | 2 May 88 |
| 840M5 | 43587 | 23d/23 Apr 88 | 42.2 g | 16 May 88 |
| 846M1 | 43251 | 24d/8 Apr 88 | 63.4 g | 2 May 88 |
| 846M2 | 43252 | 24d/8 Apr 88 | 57.1 g | 2 May 88 |
| 846M3 | 43253 | 24d/8 Apr 88 | 61.9 g | 2 May 88 |
| 846M4 | 43254 | 24d/8 Apr 88 | 58.6 g | 2 May 88 |
| 882M1 | 43368 | 22d/11 Apr 88 | 48.1 g | 3 May 88 |
| 882M2 | 43369 | 22d/11 Apr 88 | 45.6 g | 3 May 88 |
| 882M3 | 43370 | 22d/11 Apr 88 | 44.4 g | 3 May 88 |
| 882M4 | 43371 | 22d/11 Apr 88 | 44.8 g | 3 May 88 |
| 890M1 | 43377 | 22d/11 Apr 88 | 60.2 g | 3 May 88 |
| 890M5 | 43378 | 22d/11 Apr 88 | 60.9 g | 3 May 88 |
| 906M1 | 43386 | 22d/11 Apr 88 | 52.2 g | 3 May 88 |
| 906M3 | 43387 | 22d/11 Apr 88 | 52.7 g | 3 May 88 |
| 906M5 | 43389 | 22d/11 Apr 88 | 51.9 g | 3 May 88 |
| 906M4 | 43388 | 22d/11 Apr 88 | 56.0 g | 3 May 88 |
| 910M1 | 43659 | 22d/28 Apr 88 | 41.7 g | 20 May 88 |
| 910M3 | 43660 | 22d/28 Apr 88 | 41.3 g | 20 May 88 |
| 910M5 | 43661 | 22d/28 Apr 88 | 42.6 g | 20 May 88 |
| 910M7 | 43662 | 22d/28 Apr 88 | 45.0 g | 20 May 88 |
| 918M1 | 43436 | 22d/12 Apr 88 | 61.3 g | 4 May 88 |
| 918M2 | 43437 | 22d/12 Apr 88 | 60.6 g | 4 May 88 |
| 918M3 | 43438 | 22d/12 Apr 88 | 60.1 g | 4 May 88 |
| 920M6 | 43563 | 23d/16 Apr 88 | 67.7 g | 9 May 88 |
| 930M2 | 43669 | 23d/30 Apr 88 | 61.3 g | 23 May 88 |
| 930M5 | 43670 | 23d/30 Apr 88 | 59.6 g | 23 May 88 |
| 944M1 | 43550 | 24d/15 Apr 88 | 57.0 g | 9 May 88 |
| 944M2 | 43551 | 24d/15 Apr 88 | 54.8 g | 9 May 88 |
| 944M5 | 43552 | 24d/15 Apr 88 | 59.6 g | 9 May 88 |
| 944M6 | 43553 | 24d/15 Apr 88 | 57.5 g | 9 May 88 |
| 966M6 | 43522 | 22d/14 Apr 88 | 27.3 g | 6 May 88 |
| 968M1 | 43681 | 22d/1 May 88 | 52.3 g | 23 May 88 |
| 968M2 | 43682 | 22d/1 May 88 | 48.2 g | 23 May 88 |
| 968M5 | 43683 | 22d/1 May 88 | 53.9 g | 23 May 88 |
| 968M6 | 43684 | 22d/1 May 88 | 53.9 g | 23 May 88 |

### $F_2$ Dose Group 4 - Males

| | | | | |
|---|---|---|---|---|
| 87D0816M2 | 43205 | 22d/7 Apr 88 | 56.5 g | 29 Apr 88 |
| 816M4 | 43206 | 22d/7 Apr 88 | 35.2 g | 29 Apr 88 |
| 820M1 | 43536 | 24d/15 Apr 88 | 63.8 g | 9 May 88 |
| 824M1 | 43419 | 22d/12 Apr 88 | 48.4 g | 4 May 88 |

# Pathology Annex A

| Animal ID No. | Path Acc. No. | Age/DOB | Wt. | Necropsy Date |
|---|---|---|---|---|
| 87D0824M2 | 43420 | 22d/12 Apr 88 | 48.7 g | 4 May 88 |
| 824M4 | 43421 | 22d/12 Apr 88 | 31.8 g | 4 May 88 |
| 824M5 | 43422 | 22d/12 Apr 88 | 47.6 g | 4 May 88 |
| 834M1 | 43214 | 22d/7 Apr 88 | 53.4 g | 29 Apr 88 |
| 834M2 | 43215 | 22d/7 Apr 88 | 53.7 g | 29 Apr 88 |
| 834M3 | 43216 | 22d/7 Apr 88 | 51.4 g | 29 Apr 88 |
| 834M4 | 43217 | 22d/7 Apr 88 | 52.9 g | 29 Apr 88 |
| 834M5 | 43218 | 22d/7 Apr 88 | 52.6 g | 29 Apr 88 |
| 852M1 | 43259 | 24d/8 Apr 88 | 44.7 g | 2 May 88 |
| 852M3 | 43260 | 24d/8 Apr 88 | 57.4 g | 2 May 88 |
| 856M1 | 43274 | 24d/8 Apr 88 | 49.9 g | 2 May 88 |
| 856M2 | 43275 | 24d/8 Apr 88 | 57.1 g | 2 May 88 |
| 856M3 | 43276 | 24d/8 Apr 88 | 52.4 g | 2 May 88 |
| 856M4 | 43277 | 24d/8 Apr 88 | 46.6 g | 2 May 88 |
| 856M6 | 43278 | 24d/8 Apr 88 | 56.5 g | 2 May 88 |
| 874M1 | 43589 | 22d/24 Apr 88 | 56.3 g | 16 May 88 |
| 874M2 | 43590 | 22d/24 Apr 88 | 51.0 g | 16 May 88 |
| 874M4 | 43591 | 22d/24 Apr 88 | 51.0 g | 16 May 88 |
| 874M5 | 43592 | 22d/24 Apr 88 | 52.5 g | 16 May 88 |
| 884M1 | 43346 | 23d/10 Apr 88 | 52.7 g | 3 May 88 |
| 884M3 | 43347 | 23d/10 Apr 88 | 54.5 g | 3 May 88 |
| 884M5 | 43348 | 23d/10 Apr 88 | 57.3 g | 3 May 88 |
| 884M7 | 43349 | 23d/10 Apr 88 | 57.4 g | 3 May 88 |
| 894M1 | 43576 | 22d/18 Apr 88 | 50.4 g | 10 May 88 |
| 894M2 | 43577 | 22d/18 Apr 88 | 39.1 g | 10 May 88 |
| 894M3 | 43578 | 22d/18 Apr 88 | 37.7 g | 10 May 88 |
| 898M3 | 43355 | 23d/10 Apr 88 | 67.8 g | 3 May 88 |
| 898M4 | 43356 | 23d/10 Apr 88 | 66.3 g | May 88 |
| 934M1 | 43643 | 22d/27 Apr 88 | 47.5 g | .9 May 88 |
| 934M2 | 43644 | 22d/27 Apr 88 | 48.8 g | 19 May 88 |
| 934M5 | 43645 | 22d/27 Apr 88 | 46.1g | 19 May 88 |
| 934M6 | 43646 | 22d/27 Apr 88 | 46.3 g | 19 May 88 |
| 976M3 | 43559 | 24d/15 Apr 88 | 77.4 g | 9 May 88 |
| 976M6 | 43560 | 24d/15 Apr 88 | 73.2 g | 9 May 88 |
| 976M8 | 43561 | 24d/15 Apr 88 | 79.0 g | 9 May 88 |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/SPRAGUE-DAWLEY

Individual Animal Data Dump Table
Study Number: 87012F
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 1

TERATOLOGY/

Animal: 87D00413 Sex: Female Group: 1 Dose level: Control
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 3 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 7.8 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012F
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 2
TERATOLOGY/

Animal: 87D00421 Sex: Female Group: 1 Dose level: Control
Day of death: 135 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Focal.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012F
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 3
TERATOLOGY/

Animal: 87D00425 Sex: Female Group: 1 Dose level: Control
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 4 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00430 Sex: Female Group: 1 Dose level: Control
Day of death: 119 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 6 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012F
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 5
TERATOLOGY/

Animal: 87D00431 Sex: Female Group: 1 Dose level: Control
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 1 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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RAT/SPRAGUE-DAWLEY

Individual Animal Data Dump Table
Study Number: 87012F

Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00437 Sex: Female Group: 1 Dose level: Control
Day of death: 119 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/SPRAGUE-DAWLEY

Individual Animal Data Dump Table
Study Number: 87012F
Study Start Date: 21-Jul-87

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TERATOLOGY/

Animal: 87D00440 Sex: Female Group: 1 Dose level: Control
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00442 Sex: Female Group: 1 Dose level: Control
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00445 Sex: Female Group: 1 Dose level: Control
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00446 Sex: Female Group: 1 Dose level: Control
Day of death: 137 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00447 Sex: Female Group: 1 Dose level: Control
Day of death: 123 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 10 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |
| VAGINA | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012F
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00460 Sex: Female Group: 1 Dose level: Control
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00461 Sex: Female Group: 1 Dose level: Control
Day of death: 123 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |
| VAGINA | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00465 Sex: Female Group: 1 Dose level: Control
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | UNILATERAL APLASIA | UNICORNATE UTERUS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | ONLY LEFT SIDE OF UTERUS IS PRESENT. 0 INVOLUTION SITES. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | Required protocol tissue is missing.<br>/ONLY OVIDUCT IN BLOCK, RECUT DONE |
| URINARY BLADDER | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00470 Sex: Female Group: 1 Dose level: Control
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 27 DAYS BEFORE SACRIFICE. "NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00472 Sex: Female Group: 1 Dose level: Control
Day of death: 123 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | CYST(S), Mild, Focal.<br>MINERALIZATION, Slight, Focal. |
| VAGINA | Required protocol tissue is missing. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00479 Sex: Female Group: 1 Dose level: Control
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |
| VAGINA | Required protocol tissue is missing. |
| URINARY BLADDER | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00484 Sex: Female Group: 1 Dose level: Control
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00496 Sex: Female Group: 1 Dose level: Control
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 7 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | CYST(S), Mild, Multifocal. |
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |
| VAGINA | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00498 Sex: Female Group: 1 Dose level: Control
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | Required protocol tissue is missing. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87000507 Sex: Female Group: 1 Dose level: Control
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 8 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Multifocal. |

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00509 Sex: Female Group: 1 Dose level: Control
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | Required protocol tissue is missing. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00512 Sex: Female Group: 1 Dose level: Control
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00520 Sex: Female Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| TAIL | DIARRHEA STAINING | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00523 Sex: Female Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | CYST(S), Mild, Multifocal. |
| VAGINA | Miscellaneous.<br>HEMORRHAGE, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00525 Sex: Female Group: 1 Dose level: Control
Day of death: 150 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| LIVER | LIVER SAVED FOR HISTOLOGY DUE TO PRESENCE OF POSSIBLE INJECTION SITE OF EUTHANASIA SOLUTION |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |
| LIVER | Miscellaneous.<br>INJECTION ARTIFACT, Present. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00535 Sex: Female Group: 1 Dose level: Control
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00541 Sex: Female Group: 1 Dose level: Control
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 28 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | CYST(S), Mild, Focal. |
| OVARIES | CYST(S), Mild, Multifocal. |
| VAGINA | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00542 Sex: Female Group: 1 Dose level: Control
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00545 Sex: Female Group: 1 Dose level: Control
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| *No necropsy memos recorded on animal* | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00546 Sex: Female Group: 1 Dose level: Control
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | INVOLUTION SITES | 5 |
| | PARTIALLY RESORBED FETUS | ONE |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |
| FETUS | Miscellaneous.<br>AUTOLYSIS, ASSOCIATED WITH ENDOMETRIAL INFLAMMATION, Present. |

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TERATOLOGY/

Animal: 87D00548 Sex: Female Group: 1 Dose level: Control
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED<br>WHITE AREAS ON CAPSULE | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| LIVER | APPEARANCE PROBABLY DUE TO EUTHANASIA SOLUTION. |
| UTERUS | SPERM POSITIVE 27 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00550 Sex: Female Group: 1 Dose level: Control
Day of death: 135 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00551 Sex: Female Group: 1 Dose level: Control
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00802 Sex: Female Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.41

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 27 DAYS BEFORE SACRIFICE. "NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY



Animal: 87000810 Sex: Female Group: 1 Dose level: Control
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87000814 Sex: Female Group: 1 Dose level: Control
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | CYST(S), Moderate, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00822 Sex: Female Group: 1 Dose level: Control
Day of death: 165 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.39

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 8 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00830 Sex: Female Group: 1 Dose level: Control
Day of death: 183 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00832 Sex: Female Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | Required protocol tissue is missing. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00838 Sex: Female Group: 1 Dose level: Control
Day of death: 164 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.40

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00842 Sex: Female Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.39

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. "NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY

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RAT/SPRAGUE-DAWLEY

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00848 Sex: Female Group: 1 Dose level: Control
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000858 Sex: Female Group: 1 Dose level: Control
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00862 Sex: Female Group: 1 Dose level: Control
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | MINERALIZATION, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00872 Sex: Female Group: 1 Dose level: Control
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 7 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00876 Sex: Female Group: 1 Dose level: Control
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 9 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00878 Sex: Female Group: 1 Dose level: Control
Day of death: 172 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00880 Sex: Female Group: 1 Dose level: Control
Day of death: 161 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.41

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00916 Sex: Female Group: 1 Dose level: Control
Day of death: 164 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.44

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. "NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00922 Sex: Female Group: 1 Dose level: Control
Day of death: 184 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 8 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | LYMPHOID AGGREGATES, Slight, Multifocal. |

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TERATOLOGY/

Animal: 87D00936 Sex: Female Group: 1 Dose level: Control
Day of death: 154 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.37

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 28 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | MINERALIZATION, Slight, Multifocal. |
| VAGINA | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00938 Sex: Female Group: 1 Dose level: Control
Day of death: 151 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.39

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. "NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00940 Sex: Female Group: 1 Dose level: Control
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00950 Sex: Female Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.37

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00952 Sex: Female Group: 1 Dose level: Control
Day of death: 189 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.37

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00956 Sex: Female Group: 1 Dose level: Control
Day of death: 172 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Multifocal. |

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00970 Sex: Female Group: 1 Dose level: Control
Day of death: 172 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 10 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |
| VAGINA | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87000972 Sex: Female Group: 1 Dose level: Control
Day of death: 172 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |
| UTERUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00978 Sex: Female Group: 1 Dose level: Control
Day of death: 154 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.39

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00412 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 102 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

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TERATOLOGY/

Animal: 87D00424 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 119 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.24

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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TERATOLOGY/

Animal: 87D00433 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00438 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | FETUS IN UTERUS | 1 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00441 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 1 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | DILATED LUMEN, Moderate, Diffuse. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00448 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00449 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 17 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

Animal: 87000452 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 9 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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PRESIDIO OF SAN FRANCISCO, CA 94129
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TERATOLOGY/

Animal: 87D00454 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 100 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

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TERATOLOGY/

Animal: 87D00457 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 100 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 8 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00462 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 116 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 7 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00463 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00464 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 123 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00468 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00473 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00475 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | INVOLUTION SITES | 8 |
| | MESOMETRIAL ADHESION, Mild | FOCAL |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



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TERATOLOGY/

Animal: 87D00476 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00487 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 100 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00488 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00491 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.41

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00492 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00495 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 8 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00499 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00501 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | PARTIALLY RESORBED FETUS | TWO EACH |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00502 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00518 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00519 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 3 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00522 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00529 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00531 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00533 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 18 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00534 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00536 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 10 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00544 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 3 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87000549 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00808 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00828 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.40

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00844 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 185 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00854 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00864 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 9 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00866 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 17 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00886 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 182 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00892 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 172 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 9 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00900 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00902 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00904 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 172 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00908 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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Animal: 87D00914 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 185 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00926 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 9 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00928 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 175 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00942 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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RAT/Sprague-Dawley

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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00948 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 171 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00958 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 154 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.40

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 28 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00960 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 171 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00964 Sex: Female Group: 2 Dose level: 1.3 PPT/day
Day of death: 171 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00415 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 4 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal.<br>DILATED LUMEN, Mild, Diffuse. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00417 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87000420 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 119 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| TAIL | DIARRHEA STAINING | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00422 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 98 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.23

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 4 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00427 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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TERATOLOGY/

Animal: 87D00432 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 119 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| TAIL | DIARRHEA STAINING | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00435 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | EMACIATION, Trace | |
| UTERUS | INVOLUTION SITES | 4 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00436 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 100 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00443 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 119 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | INVOLUTION SITES | 9 |
| LIVER | WHITE AREAS ON CAPSULE | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| LIVER | APPEARANCE PROBABLY DUE TO EUTHANASIA SOLUTION. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00444 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00453 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 102 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00455 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 102 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00456 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 10 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00459 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 123 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 6 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00466 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00469 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 123 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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Animal: 87D00471 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

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TERATOLOGY/

Animal: 87D00478 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00480 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00486 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 108 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00489 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.41

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00490 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00493 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 108 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00494 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00508 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 144 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 7 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00511 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00515 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00516 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED | |
| | WHITE AREAS ON CAPSULE | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| LIVER | APPEARANCE OF LIVER PROBABLY DUE TO INJECTION OF EUTHANASIA SOLUTION |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00524 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 27 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00526 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.25

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00527 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 144 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00537 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00543 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00547 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00804 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00806 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00812 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.38

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 27 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00818 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.41

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00826 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 176 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00836 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00840 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 182 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00846 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 10 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000850 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 155 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00860 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 6 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

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TERATOLOGY/

Animal: 87D00870 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.38

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00882 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 10 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00888 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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Animal: 87D00890 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00906 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00910 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 186 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00918 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00920 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 175 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00930 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 189 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.39

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LUNGS | RED FOCI, Mild | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00944 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 175 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

Animal: 87D00966 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 172 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.40

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012F



Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00968 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 189 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 18 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00974 Sex: Female Group: 3 Dose level: 4.0 PPT/day
Day of death: 154 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 27 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012F



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00414 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 136 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 17 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00416 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 101 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 3 OR 4 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | Required protocol tissue is missing.<br>/ONLY OVIDUCT IN BLOCK, RECUT TWICE, TISSUE EXHAUSTED |
| VAGINA | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012F
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TERATOLOGY/

Animal: 87000418 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 95 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00419 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 101 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00423 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 100 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | HYPERPLASIA, INTERSTITIAL CELL, Moderate, Multifocal.<br>DECREASED CORPORA LUTEA, Present. |

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TERATOLOGY/

Animal: 87D00426 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 7 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |
| VAGINA | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

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TERATOLOGY/

Animal: 87D00429 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | MINERALIZATION, Slight, Focal. |
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00434 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 122 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |
| VAGINA | Required protocol tissue is missing. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012F
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00439 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 101 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | FETUS IN UTERUS | 1 1.5CM |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000450 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 22 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | EMACIATION, Trace | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00457 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 101 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 1 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| WHOLE BODY | THIS ANIMAL NUMBER SHOULD READ 87D00451. ALL INFORMATION IS FROM 87D00451. THERE IS NO ANIMAL 87D00457. THIS IS DUE TO TYPING ERROR. |
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | Required protocol tissue is missing. |
| VULVA | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Mild, Focal. |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00458 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 102 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00467 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00477 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |
| VAGINA | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00481 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 1 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00482 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| OVARIES | CYST(S), Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00485 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 107 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | DILATED LUMEN, Mild, Diffuse. |
| VAGINA | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00497 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|

All protocol required tissues normal.

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

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TERATOLOGY/

Animal: 87D00500 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00503 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 142 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.28

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Multifocal. |
| VAGINA | Miscellaneous.<br>INFLAMMATION, SUBACUTE, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00504 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.27

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00505 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 128 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00506 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |

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TERATOLOGY/

Animal: 87D00510 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.34

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 7 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00513 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 130 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | INVOLUTION SITES | 14 |
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00514 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 1 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 24 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | HYPERPLASIA, INTERSTITIAL CELL, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00517 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

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TERATOLOGY/

Animal: 87D00521 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | FETUS IN UTERUS | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 28 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| UTERUS | DILATED LUMEN, Severe, Multifocal. |
| FETUS | Autolytic, Readable, Miscellaneous.<br>AUTOLYSIS, ASSOCIATED WITH ENDOMETRIAL INFLAMMATION, Present. |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00528 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00530 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.26

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 28 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00532 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 27 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | CYST(S), Moderate, Focal. |
| OVARIES | CYST(S), Mild, Focal. |

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TERATOLOGY/

Animal: 87D00538 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00539 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 133 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 10 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00540 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00816 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 165 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.30

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | INFLAMMATION, LYMPHOCYTIC, Moderate, Diffuse.<br>HEMORRHAGE, Mild, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000820 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 175 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.29

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| VAGINA | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00824 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00834 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 165 Status: NORMAL, EUTHANIZED Terminal body weight (kms): -----

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 14 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00852 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00856 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 168 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00868 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 7 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

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TERATOLOGY/

Animal: 87D00874 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 182 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00884 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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TERATOLOGY/

Animal: 87D00894 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 176 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 11 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| VAGINA | HEMORRHAGE, Moderate, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87000896 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.32

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 15 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Multifocal.<br>HEMORRHAGE/HEMATOMA, Moderate, Focal. |
| VAGINA | HEMORRHAGE, Mild, Focal. |

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TERATOLOGY/

Animal: 87D00898 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 169 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.31

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 13 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00912 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | WHITE SPOTS | 2 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 25 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00924 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 162 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 1 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Focal.<br>INFLAMMATION, LYMPHOCYTIC, Moderate, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00932 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 154 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 12 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal.<br>HEMORRHAGE/HEMATOMA, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00934 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 185 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.36

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LUNGS | WHITE FOCI, Mild | |
| UTERUS | INVOLUTION SITES | 18 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| OVARIES | CYST(S), Mild, Focal. |
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Focal. |
| LUNG | Miscellaneous.<br>ALVEOLAR HISTIOCYTOSIS, Mild, Multifocal.<br>HEMORRHAGE, Mild, Focal.<br>INFLAMMATION, INTERSTITIAL, SUBACUTE, Mild, Diffuse. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012F



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00954 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 155 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.35

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| UTERUS | FETUS IN UTERUS | |
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| UTERUS | SPERM POSITIVE 26 DAYS BEFORE SACRIFICE. NO LITTER DELIVERED. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | DILATED LUMEN, Moderate, Multifocal.<br>INFLAMMATION, SUPPURATIVE, Moderate, Focal.<br>/THE FETUS WAS NOT OBSERVED HISTOLOGICALLY |
| VAGINA | INFLAMMATION, ACUTE, SEROSA, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012F

PRINTED: 16-Apr-90
Page: 224

Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00962 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 170 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | | Gross Free-Text Comments |
|---|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | | |
| UTERUS | INVOLUTION SITES | 15 | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00976 Sex: Female Group: 4 Dose level: 12.7 PPT/day
Day of death: 175 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.33

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |
| UTERUS | INVOLUTION SITES | 16 |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| UTERUS | PIGMENT IN MACROPHAGES, Moderate, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
Page: 1

Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00312 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 2

TERATOLOGY/

Animal: 87D00318 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity / Gross Free-Text Comments |
|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00324 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.50

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| PITUITARY GLAND | NOT SAVED |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
Page: 4

RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00328 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.50

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 5
TERATOLOGY/

Animal: 87D00330 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |
| | INFLAMMATION, PURULENT, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 6
TERATOLOGY/

Animal: 87D00336 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00339 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.45

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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Page: 8
TERATOLOGY/

Animal: 87D00347 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00349 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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Page: 10
TERATOLOGY/

Animal: 87D00353 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | reccrded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M



RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00354 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00356 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.50

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal.<br>INFLAMMATION, GRANULOMATOUS, Mild, Multifocal. |
| PROSTATE | MINERALIZATION, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 13

TERATOLOGY/

Animal: 87D00358 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.46

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /PARS DISTALIS AND PARS INTERMEDIA ONLY RECUT DONE |

## Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00364 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00368 Sex: Male Group: 1 Dose level: Control
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | INFLAMMATION, LYMPHOCYTIC, TUNICA ALBUGINEA, Slight, Focal.<br>DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012H
Study Start Date: 21-Jul-87

PRINTED: 13-Feb-90
Page: 16
TERATOLOGY/

Animal: 87D00371 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Specia. histological comments |
|---|---|
| TESTIS | Required protocol tissue is missing. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal.<br>INFLAMMATION, PURULENT, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
Page: 17

Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00373 Sex: Male Group: 1 Dose level: Control
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
Page: 18

Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00377 Sex: Male Group: 1 Dose level: Control
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| PROSTATE | NECROSIS, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00379 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012M

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00392 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /PARS DISTALIS ONLY RECUT DONE |
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00394 Sex: Male Group: 1 Dose level: Control
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
Page: 22

RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87000395 Sex: Male Group: 1 Dose level: Control
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/

Individual Animal Data Dump Table
Study Number: 87012M

PRINTED: 13-Feb-90
Page: 23

Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00405 Sex: Male Group: 1 Dose level: Control
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| | NECROSIS, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012M

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00407 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00408 Sex: Male Group: 1 Dose level: Control
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.46

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012H

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87000801 Sex: Male Group: 1 Dose level: Control
Day of death: 137 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87000809 Sex: Male Group: 1 Dose level: Control
Day of death: 142 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.56

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00813 Sex: Male Group: 1 Dose level: Control
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00821 Sex: Male Group: 1 Dose level: Control
Day of death: 141 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00829 Sex: Male Group: 1 Dose level: Control
Day of death: 142 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000831 Sex: Male Group: 1 Dose level: Control
Day of death: 135 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00837 Sex: Male Group: 1 Dose level: Control
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00841 Sex: Male Group: 1 Dose level: Control
Day of death: 135 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012M

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00847 Sex: Male Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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Page: 35

TERATOLOGY/

Animal: 87D00857 Sex: Male Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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TERATOLOGY/

Animal: 87D00861 Sex: Male Group: 1 Dose level: Control
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00871 Sex: Male Group: 1 Dose level: Control
Day of death: 142 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.63

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | CYST(S), Slight, Multifocal.<br>/ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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TERATOLOGY/

Animal: 87D00875 Sex: Male Group: 1 Dose level: Control
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.66

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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Page: 39
TERATOLOGY/

Animal: 87D00877 Sex: Male Group: 1 Dose level: Control
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.71

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | CYST(S), Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
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TERATOLOGY/

Animal: 87D00879 Sex: Male Group: 1 Dose level: Control
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00915 Sex: Male Group: 1 Dose level: Control
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.64

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | SWOLLEN LIVER W PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00921 Sex: Male Group: 1 Dose level: Control
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.64

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | SWOLLEN LIVER W PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00935 Sex: Male Group: 1 Dose level: Control
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | CYST(S), Moderate, Focal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M

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RAT/ Study Start Date: 21-Jul-87 TERATOLOGY/

Animal: 87D00937 Sex: Male Group: 1 Dose level: Control
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.68

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| KIDNEY | CONGESTION, Trace | RT.KID SWOLLEN W PALE STREAKS |
| LIVER | CONGESTED, Trace | SWOLLEN LIVER W PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| KIDNEY | Miscellaneous.<br>VACUOLATION, EPITHELIUM OF TUBULES, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00939 Sex: Male Group: 1 Dose level: Control
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | SWOLLEN LIVER W PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
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TERATOLOGY/

Animal: 87D00949 Sex: Male Group: 1 Dose level: Control
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00951 Sex: Male Group: 1 Dose level: Control
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Moderate, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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TERATOLOGY/

Animal: 87D00955 Sex: Male Group: 1 Dose level: Control
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.66

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | INFLAMMATION, LYMPHOCYTIC, TUNICA ALBUGINEA, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00969 Sex: Male Group: 1 Dose level: Control
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Focal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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TERATOLOGY/

Animal: 87D00971 Sex: Male Group: 1 Dose level: Control
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Moderate, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00977 Sex: Male Group: 1 Dose level: Control
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.64

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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TERATOLOGY/

Animal: 87D00313 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00314 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00317 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00320 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00323 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, PURULENT, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00326 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00329 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.46

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00331 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00332 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00342 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00346 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, ACUTE, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00348 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00359 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000366 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 92 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87000374 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00375 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.50

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00376 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.56

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, PURULENT, Mild, Focal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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TERATOLOGY/

Animal: 87D00378 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00380 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.46

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00381 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 92 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00390 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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RAT/Sprague-Dawley

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Study Number: 87012M



Study Start Date: 21-Jul-87

Animal: 87D00396 Sex: Male Group: 2 TERATOLOGY/
Day of death: 99 Status: NORMAL, EUTHANIZED Dose level: 1.3 PPT/day
Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00397 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00406 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, PURULENT, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00411 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 92 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.41

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00807 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 137 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00827 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.73

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00843 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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Individual Animal Data Dump Table
Study Number: 87012M



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00853 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 142 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.63

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00863 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.72

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00865 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 142 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00885 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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TERATOLOGY/

Animal: 87D00891 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00899 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

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TERATOLOGY/

Animal: 87D00901 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.65

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00903 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00907 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.63

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |
| LUNG | Miscellaneous.<br>ACUTE CONGESTION, Mild, Diffuse.<br>ALVEOLAR HISTIOCYTOSIS, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00913 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00925 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00927 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |
| LIVER | Miscellaneous.<br>INFLAMMATION, ACUTE, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00941 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: -8 Status: FOUND DEAD Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LUNGS | CONGESTION, Moderate | DIFFUSE, PALE FOCI VISIBLE |
| KIDNEY | HYDRONEPHROSIS, Moderate | RIGHT KIDNEY, 50% INCREASE IN SIZE |
| THYMUS | CONGESTED/RED, Mild | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| LUNGS | HISTOLOGICALLY, THE PALE FOCI WERE DETERMINED TO HAVE REPRE- SENTED LESS CONGESTED AREAS OF LUNG. THE CAUSE OF DEATH WAS NOT DETERMINED. AUTOLYSIS WAS MODERATE. |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| KIDNEY | Miscellaneous.<br>HYDRONEPHROSIS, UNILATERAL, Moderate. |
| LUNG | Miscellaneous.<br>ACUTE CONGESTION, Moderate, Diffuse.<br>VASCULAR MINERALIZATION, Mild, Focal. |
| THYMUS | Miscellaneous.<br>ACUTE HEMORRHAGE, Mild, Multifocal. |

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87





Animal: 87D00945 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00947 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.66

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00957 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.70

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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Individual Animal Data Dump Table
Study Number: 87012M
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TERATOLOGY/

Animal: 87D00959 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00963 Sex: Male Group: 2 Dose level: 1.3 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00311 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

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RAT/Sprague-Dawley

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TERATOLOGY/

Animal: 87D00315 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.45

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal.<br>INFLAMMATION, PURULENT, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00316 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.43

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, PURULENT, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00319 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal.<br>MINERALIZATION, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00322 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00325 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00333 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00338 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00341 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M



Study Start Date: 21-Jul-87



Animal: 87D00350 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00355 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal.<br>INFLAMMATION, PURULENT, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000361 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.42

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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TERATOLOGY/

Animal: 87D00362 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00365 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00367 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00370 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.41

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00384 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.38

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00386 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00389 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 115 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal.<br>INFLAMMATION, PURULENT, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00391 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.50

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00398 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
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TERATOLOGY/

Animal: 87D00399 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00401 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00409 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87000410 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.44

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00803 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 135 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.56

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87000805 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87000811 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 135 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00817 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 141 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.64

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00825 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 141 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00835 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 135 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.63

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00839 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00845 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 141 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00849 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00859 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 137 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Moderate, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00869 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.65

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00881 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00887 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00889 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.62

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE VERTICAL AND LINEAR STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00905 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Focal. |

# Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00909 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00917 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00919 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| LIVER | CONGESTED, Trace | PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00929 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00943 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 141 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00965 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00967 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00973 Sex: Male Group: 3 Dose level: 4.0 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00321 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |

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Animal: 87D00327 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00334 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.56

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| URINARY BLADDER | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY

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RAT/Sprague-Dawley

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Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00335 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.40

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, GRANULOMATOUS, Moderate, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00337 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.50

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00340 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.47

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| EPIDIDYMUS | INFLAMMATION, GRANULOMATOUS, Moderate, Focal. |

# Appendix O (Cont.): PATHOLOGY

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TERATOLOGY/

Animal: 87D00343 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00344 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, ACUTE, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00345 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.43

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00352 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal.<br>INFLAMMATION, GRANULOMATOUS, Moderate, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00357 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00360 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.52

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS AND PARS INTERMEDIA PRESENT RECUT DONE |
| EPIDIDYMUS | INFLAMMATION, SUBACUTE, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00363 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 93 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00372 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00382 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.57

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comment |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00383 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00385 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.51

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00387 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.40

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Focal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M



Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00388 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.53

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00393 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.54

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00400 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 106 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.50

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Severe, Diffuse.<br>HYPERPLASIA, INTERSTITIAL CELL, Mild, Diffuse. |
| EPIDIDYMUS | DECREASED SPERMATOZOA, Marked, Diffuse. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00402 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00403 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, GRANULOMATOUS, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00404 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 99 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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TERATOLOGY/

Animal: 87D00815 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 137 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.49

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
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TERATOLOGY/

Animal: 87D00819 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | HEMORRHAGE, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
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Study Start Date: 21-Jul-87

TERATOLOGY/

Animal: 87D00823 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.59

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00833 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.56

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00851 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 142 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.63

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Moderate, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00855 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00867 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 141 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00873 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 147 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARTES DISTALIS AND INTERMEDIA PRESENT RECUT DONE |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00883 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00893 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Moderate, Multifocal.<br>MINERALIZATION, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87000895 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | CYST(S), Slight, Focal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00897 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 143 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.56

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos | recorded on animal |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87000911 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.56

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Slight, Multifocal. |
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal. |
| COAGULATING GL. | Miscellaneous.<br>INFLAMMATION, LYMPHOCYTIC, Slight, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
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PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012H
Study Start Date: 21-Jul-87



TERATOLOGY/

Animal: 87D00923 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.61

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| SPLEEN | DISCOLORATION, Mild | AT TIP |
| LIVER | CONGESTED, Trace | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | Required protocol tissue is missing. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Moderate, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
PRESIDIO OF SAN FRANCISCO, CA 94129
RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

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TERATOLOGY/

Animal: 87D00931 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 140 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.60

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PITUITARY GLAND | /ONLY PARS DISTALIS PRESENT RECUT DONE |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

## Appendix O (Cont.): PATHOLOGY



Animal: 87D00933 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 148 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.58

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| KIDNEY | DISCOLORATION, Trace | PALE STREAKS |
| LIVER | CONGESTED, Trace | SWOLLEN W PALE STREAKS |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |
| KIDNEY | Miscellaneous.<br>HYPERPLASIA, EPITHELIUM OF TUBULES, Slight, Multifocal. |

# Appendix O (Cont.): PATHOLOGY

LETTERMAN ARMY INSTITUTE OF RESEARCH
DIV OF RES SUPP, PATH SERV GP
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RAT/Sprague-Dawley

Individual Animal Data Dump Table
Study Number: 87012M
Study Start Date: 21-Jul-87

PRINTED: 16-Apr-90
Page: 186
TERATOLOGY/

Animal: 87D00953 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 134 Status: NORMAL, EUTHANIZED Terminal body weight (kms): -----

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| EPIDIDYMUS | INFLAMMATION, LYMPHOCYTIC, Slight, Multifocal.<br>INFLAMMATION, GRANULOMATOUS, Moderate, Focal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Mild, Multifocal. |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00961 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.48

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| All protocol required tissues normal. | |

# Appendix O (Cont.): PATHOLOGY



Animal: 87D00975 Sex: Male Group: 4 Dose level: 12.7 PPT/day
Day of death: 149 Status: NORMAL, EUTHANIZED Terminal body weight (kms): 0.55

<< Gross Observations >>

| Tissue | Finding, severity | Gross Free-Text Comments |
|---|---|---|
| WHOLE BODY | NO LESIONS RECOGNIZED | |

<< Necropsy Memos >>

| Tissue | Necropsy memos |
|---|---|
| No necropsy memos recorded on animal | |

<< Pathology Observations >>

| Tissue | Histopathologic diagnoses / Special histological comments |
|---|---|
| TESTIS | DEGENERATION, SEMINIFEROUS TUBULES, Moderate, Multifocal.<br>HYPERPLASIA, INTERSTITIAL CELL, Mild, Diffuse. |
| EPIDIDYMUS | INFLAMMATION, SUBACUTE, Mild, Multifocal.<br>DECREASED SPERMATOZOA, Moderate, Multifocal.<br>EPITHELIAL HYPERPLASIA, Moderate, Multifocal. |
| PROSTATE | INFLAMMATION, LYMPHOCYTIC, Moderate, Multifocal. |

## Appendix O (Cont.): PATHOLOGY

### Glossary of Microscopic Findings

#### Coagulating Gland

--Inflammation, Lymphocytic: The interstitial connective tissue is infiltrated with increased numbers of lymphocytes, individually or in small aggregates.

#### Epididymus

--Decreased Spermatozoa: Decreased numbers of spermatozoa are present in epididymal tubules.

--Epithelial Hyperplasia: The epithelium is multi-layered and non-ciliated. This is associated with inflammation and the epithelium is infiltrated with leukocytes.

--Inflammation, Granulomatous: Focal or multifocal granulomatous inflammation with sperm visible.

--Inflammation, Lymphocytic: Increased numbers of lymphocytes, individually and in small aggregates, are confined to the interstitial connective tissue and occasionally the glandular epithelium.

--Inflammation, Subacute: The interstitial connective tissue contains increased numbers of lymphocytes, neutrophils and macrophages.

#### Fetus

--Autolysis, with Associated Endometrial Inflammation: The endometrium is infiltrated with neutrophils. Indicates death in utero.

#### Kidney

--Hydronephrosis, Unilateral: Self-explanatory.

--Hyperplasia, Epithelium of Tubules: Self-explanatory.

--Vacuolation, Epithelium of Tubules: Self-explanatory

#### Liver

--Inflammation, Subacute: Multifocal infiltration of the connective tissue of portal triads and/or sinusoids by a mixed population of mononuclear cells.

--Injection Artifact: Self-explanatory.

#### Lungs

--Acute Congestion: Self-explanatory.

--Alveolar Histiocytosis: Self-explanatory.

--Hemorrhage: Self-explanatory.

--Inflammation, Interstitial, Subacute: Multifocal, interstitial aggregates of macrophages and neutrophils, with a few lymphocytes, are randomly scattered through the parenchyma.

--Vascular Mineralization: The walls of one or more medium-sized vessels in the lungs has a mineralized focus.

## Appendix O (Cont.): PATHOLOGY

### Ovaries

--Cyst(s): Self-explanatory.

--Decreased Corpora Lutea: Corpora lutea are decreased in number.

--Hyperplasia, Interstitial Cell: Self-explanatory.

--Mineralization: Self-explanatory.

### Pituitary Gland

--Cyst(s): Ciliated or non-ciliated, in any portion of the gland.

--Inflammation, Lymphocytic: Increased numbers of lymphocytes are present in the interstitial connective tissue of the pars distalis.

### Prostate Gland

--Hemorrhage: Self-explanatory

--Inflammation, Acute: Neutrophils are present in the interstitial tissue and in the epithelium and lumens of the glands.

--Inflammation, Lymphocytic: Increased numbers of lymphocytes, individually and in small aggregates, are confined to the interstitial connective tissue and occasionally the glandular epithelium.

--Inflammation, Purulent: One or more glandular lumens contains masses of neutrophils, degenerating neutrophils and debris.

--Mineralization: Small, mineralized foci, probably sloughed epithelial cells, are present in glandular lumens.

--Necrosis: Necrotic cells, probably epithelial, are present in one or more glandular lumens.

### Testes

--Degeneration, Seminiferous Tubules: Loss of germinal epithelium, with local aspermatogenesis. Sertoli cells remain.

--Hyperplasia, Interstitial Cell: Self-explanatory.

--Inflammation, Lymphocytic, Tunica Albuginea: An infiltrate of lymphocytes is present in the tunica albuginea.

### Thymus

--Acute Hemorrhage: Self-explanatory.

### Urinary Bladder

--Inflammation, Lymphocytic: The submucosal connective tissue is infiltrated with increased numbers of lymphocytes, individually or in small aggregates.

### Uterus

--Dilated Lumen: Self-explanatory.

## Appendix O (Cont.): PATHOLOGY

--Hemorrhage/Hematoma: Self-explanatory.

--Inflammation, Lymphocytic: Infiltration of the submucosa and mucosa with lymphocytes.

--Inflammation, Suppurative: The lumen contains masses of neutrophils, degenerate neutrophils, and debris.

--Lymphoid Aggregates: Self-explanatory.

--Pigment in Macrophages: Groups of macrophages contain yellow-brown, refractile, granular, isotropic pigment, probably lipofuscin and/or ceroid.

### Vagina

--Hemorrhage: Self-explanatory.

--Inflammation, Acute, Serosa: There is an infiltration of neutrophils in the adventitial connective tissue.

--Inflammation, Lymphocytic: Infiltration of the submucosa and mucosa with lymphocytes.

--Inflammation, Subacute: The submucosa is infiltrated by lymphocytes, neutrophils, and a few macrophages.

### Vulva

--Inflammation, Lymphocytic: Infiltration of the submucosa and/or mucosa with lymphocytes.

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