

AR 226 - 3289

TRADE SECRET*Study Title*

H-25425: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

Volume 4 of 5

Laboratory Project ID: DuPont-11418

TEST GUIDELINES: U.S. EPA Health Effects Test Guidelines
OPPTS 870.3100 (AUG-1998)

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STUDY COMPLETED ON: August 1, 2003

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APPENDIX N

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

INDIVIDUAL ANIMAL GROSS AND MICROSCOPIC OBSERVATIONS

EXPLANTORY NOTES

Accidentally killed (includes animals presented dead or moribund that have injured themselves or were inadvertently injured when being handled. In-life and necropsy findings may be used to make this determination.)

Lesion Grading

Histopathological changes are described according to their morphologic character, distribution and severity. The distribution (extent of tissue involvement) is indicated, where appropriate, by modifiers such as focal, multifocal, diffuse, unilateral, bilateral, etc.; A severity score, if appropriate, is also assigned as follows:

- Minimal: the amount of change present barely exceeds that which is considered to be within normal limits.
- Mild: in general, the lesion is easily identified but of limited severity. The lesion probably does not produce any functional impairment.
- Moderate: the lesion is prominent but there is significant potential for increased severity. Limited tissue or organ dysfunction is possible.
- Severe: the degree of change is either as complete as considered possible or great enough in intensity or extent to expect significant tissue or organ dysfunction.

Comment: grades minimal through severe represent progressive involvement/severity along a continuum with minimal lesions being the least severe and severe lesions being the most severe. While the grades refer to the morphological characteristics of lesions, they also indicate their relative biological significance.

Gross observations listing multiple masses for a tissue are distinguished with letters (i.e., a, b, c, d, etc.)

Neoplasm Designations

- *B: Benign neoplasm, primary site
- *M: Malignant neoplasm, primary site

Abbreviations

Recov = recovery
Subch = subchronic

Individual Animal Listing
Showing animal data for individual animals
STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
665008	Terminal Sacrifice Killed on Day : 127 Exposure Group : recov Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
665015	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, mild.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
THYMUS :
HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
ATROPHY, RETINAL, UNILATERAL, mild.
PROSTATE :
AGGREGATES, LYMPHOID, minimal.

665015 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665015

Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE

665016

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

665016 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : H-25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665016 Continued from previous page

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 FATTY CHANGE, PERIportal, minimal.
KIDNEYS :
 CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
LUNGS :
 INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR, minimal.
EPIDIDYMIDES :
 AGGREGATES, LYMPHOID, minimal.
NOSE :
 INFLAMMATION, VOMERONASAL ORGAN, minimal.

No Microscopic Abnormality Observed :
HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, FEMUR/KNEE JOINT, STERNUM, BONE
MARROW

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665042 Accidentally Killed
Duration of dosing-days: 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
LUNGS :
MACROPHAGES, ALVEOLAR, FOCAL, minimal.
HEMORRHAGE, ALVEOLAR, minimal.
PANCREAS :
FOCUS OF CELLULAR ALTERATION, BASOPHILIC, minimal.
THYMUS :
HEMORRHAGE, mild.
PARATHYROID GLANDS :
MISSING.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.

665042 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : H-25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665042 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, SKIN, PROSTATE, SEMINAL VESICLES, URINARY
BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM,
BONE MARROW, NOSE

ORGANS NOT EXAMINED:
PARATHYROID GLANDS

665043 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665043 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY **L-25425**/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665043 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIPORTAL, minimal.

THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, minimal.

665047

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665047 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665047 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 FATTY CHANGE, PERIportal, minimal.
KIDNEYS :
 CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
LUNGS :
 HEMORRHAGE, ALVEOLAR, minimal.
THYMUS :
 HEMORRHAGE, minimal.
ADRENAL GLANDS :
 ADRENAL MEDULLA MISSING.
PROSTATE :
 AGGREGATES, LYMPHOID, minimal.
EPIDIDYMIDES :
 AGGREGATES, LYMPHOID, minimal.
NOSE :
 INFLAMMATION, ORAL MUCOSA, minimal.

665047 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665047

Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL VESICLES, URINARY
BLADDER, TESTES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

665049

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

665049 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665049 Continued from previous page

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYMUS :
 HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
 INFLAMMATION, PERIOcular, UNILATERAL, minimal.
PROSTATE :
 AGGREGATES, LYMPHOID, minimal.

No Microscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
SKIN, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

665064

Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665064

Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, PERIPORTAL, mild.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665068

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665068 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665068 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
PANCREAS :
INFLAMMATION, FOCAL, mild.
MANDIBULAR LYMPH NODE :
LEUKOCYTOSIS, PLASMA CELL, MEDULLARY, mild.
THYMUS :
HEMORRHAGE, mild.
ESOPHAGUS :
MISSING.
PROSTATE :
AGGREGATES, LYMPHOID, minimal.

665068 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665068 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL VESICLES, URINARY
BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM,
BONE MARROW, NOSE

ORGANS NOT EXAMINED:
ESOPHAGUS

665070

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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Individual Animal Listing
Showing animal data for individual animals
STUDY : H-25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

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Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
AGGREGATES, LYMPHOID, minimal.
LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
SKELETAL MUSCLE :
MISSING.
SCIATIC NERVE :
MISSING.
PITUITARY GLAND :
CYST, mild.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, mild.
PARATHYROID GLANDS :
MISSING.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.
PROSTATE :
AGGREGATES, LYMPHOID, minimal.

665070 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : 25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665070

Continued from previous page

Histopathology :

NOSE :
INFLAMMATION, TURBINATES, mild, with squamous metaplasia.

No Microscopic Abnormality Observed :
HEART, SPLEEN, AORTA, BRAIN, SPINAL CORD, STOMACH,
DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON, RECTUM,
MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH
NODE, THYMUS, ADRENAL GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW

ORGANS NOT EXAMINED:
SKELETAL MUSCLE, SCIATIC NERVE, PARATHYROID GLANDS

665076

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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Individual Animal Listing
Showing animal data for individual animals
STUDY : **665076** 25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665076 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.
LUNGS :
MACROPHAGES, ALVEOLAR, FOCAL, minimal.
EYE(S) WITH OPTIC NERVE :
INFLAMMATION, PERIOcular, UNILATERAL, minimal.
OPTIC NERVE NOT PRESENT, UNILATERAL.
PROSTATE :
AGGREGATES, LYMPHOID, minimal.
URINARY BLADDER :
AGGREGATES, LYMPHOID, minimal.

No Microscopic Abnormality Observed :
KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,

665076 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY 25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665076 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
SKIN, SEMINAL VESICLES, TESTES, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, BONE MARROW, NOSE

665081 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.

665081 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1.0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665081 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665086 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, PERIportal, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.

665086 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : 25425/male (* APPROVED PROTOCOL *)
Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665086 Continued from previous page

Histopathology :

LUNGS :
 MACROPHAGES, ALVEOLAR, FOCAL, minimal.
HEART :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
MANDIBULAR LYMPH NODE :
 ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS, minimal.
THYMUS :
 HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
 INFLAMMATION, PERIOcular, UNILATERAL, minimal.
 OPTIC NERVE NOT PRESENT, UNILATERAL.

No Microscopic Abnormality Observed :
 SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
 STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
 RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, ADRENAL
 GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
 PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
 SKIN, PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
 EPIDIDYIMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

Individual Animal Listing
Showing animal data for individual animals
STUDY : **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665098 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
 THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665106	Terminal Sacrifice Killed on Day : 127 Exposure Group : recov Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, mild.
FATTY CHANGE, PERIPORTAL, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals

STUDY :  25425/male (* APPROVED PROTOCOL *)

Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665121 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY : 25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
665130	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIPORTAL, minimal.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
LUNGS :
HEMORRHAGE, ALVEOLAR, mild.
EYE(S) WITH OPTIC NERVE :
INFLAMMATION, PERIOULAR, UNILATERAL, minimal.
URINARY BLADDER :
AGGREGATES, LYMPHOID, minimal.
EPIDIDYMIDES :
AGGREGATES, LYMPHOID, minimal.

665130 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals

STUDY :  25425/male (* APPROVED PROTOCOL *)

Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665130 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, PROSTATE, SEMINAL
VESICLES, TESTES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW,
NOSE

665148

Terminal Sacrifice

Killed on Day : 92

Exposure Group : subch

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

665148 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : H-25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665148 Continued from previous page

Histopathology :

LIVER :
 FATTY CHANGE, MEDIAN CLEFT, minimal.
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
 CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
THYMUS :
 HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
 OPTIC NERVE NOT PRESENT, UNILATERAL.
PROSTATE :
 AGGREGATES, LYMPHOID, minimal.
EPIDIDYMIDES :
 AGGREGATES, LYMPHOID, minimal.

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL VESICLES, URINARY
BLADDER, TESTES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW,
NOSE

Individual Animal Listing

Showing animal data for individual animals

STUDY :  25425/male (* APPROVED PROTOCOL *)

Dose Group : I 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665149	Terminal Sacrifice Killed on Day : 127 Exposure Group : recov Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

No Microscopic Abnormality Observed :

THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : 1 0 mg/kg Treatment: 0 mg/kg I Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665159 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
 THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY : [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
664993	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, mild.
FATTY CHANGE, PERIportal, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals

STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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664995	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals

STUDY : 25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665033	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :

LIVER, THYROID GLAND

665053	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665053 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : H-25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665053 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665060 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665060 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665060 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, minimal.

665074 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665074 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665074 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, mild.

No Microscopic Abnormality Observed :
THYROID GLAND

665080 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665080 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665080 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665128

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665128 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : 25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665128 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665131 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665131 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665131 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665136 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665136 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY : [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : III 10 mg/kg Treatment: 10 mg/kg III Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665136 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals

STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665035 Terminal Sacrifice
 Killed on Day : 92
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY 25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665054 Terminal Sacrifice
 Killed on Day : 92
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, mild.

No Microscopic Abnormality Observed :
 THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY : H-25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665073	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals

STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665089	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

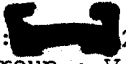
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY :  25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665103	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, mild.
FATTY CHANGE, PERIportal, minimal.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, minimal.

Individual Animal Listing

Showing animal data for individual animals

STUDY : **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665119	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665122 Terminal Sacrifice
 Killed on Day : 92
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665137	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665143	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : V 100 mg/kg Treatment: 100 mg/kg V Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665155 Terminal Sacrifice
 Killed on Day : 92
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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664999	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.

KIDNEYS :

AGGREGATES, LYMPHOID, minimal.

LUNGS :

INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR, minimal.

THYMUS :

HEMORRHAGE, minimal.

THYROID GLAND :

HYPERTROPHY, FOLLICULAR CELL, minimal.

PROSTATE :

AGGREGATES, LYMPHOID, minimal.

664999 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals

STUDY  25425/male (* APPROVED PROTOCOL *)

Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

664999 Continued from previous page

Histopathology :

URINARY BLADDER :

AGGREGATES, LYMPHOID, minimal.

EPIDIDYMIDES :

AGGREGATES, LYMPHOID, minimal.

NOSE :

INFLAMMATION, ORAL MUCOSA, minimal.

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL VESICLES, TESTES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW

665002

Terminal Sacrifice

Killed on Day : 127

Exposure Group : recov

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665002 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665002 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.
FATTY CHANGE, PERIportal, minimal.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, minimal.

665007 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665007 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665007 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, mild.

665026 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665026 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665026 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.
KIDNEYS :
 CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
HEART :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
MANDIBULAR LYMPH NODE :
 ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS, mild.
THYMUS :
 HEMORRHAGE, minimal.
THYROID GLAND :
 HYPERTROPHY, FOLLICULAR CELL, mild.
PROSTATE :
 AGGREGATES, LYMPHOID, minimal.
EPIDIDYMIDES :
 AGGREGATES, LYMPHOID, minimal.
NOSE :
 INFLAMMATION, TURBINATES, minimal.

665026 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals

STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)

Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665026 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL VESICLES, URINARY
BLADDER, TESTES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

665027

Terminal Sacrifice

Killed on Day : 92

Exposure Group : subch

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

665027 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665027 Continued from previous page

Histopathology :

LIVER :

DEGENERATION, HEPATOCELLULAR, FOCAL, mild.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.

LUNGS :

MACROPHAGES, ALVEOLAR, FOCAL, minimal.

MANDIBULAR LYMPH NODE :

ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS, mild.
NECROSIS, LYMPHOID, minimal.

THYMUS :

HEMORRHAGE, mild.

THYROID GLAND :

HYPERTROPHY, FOLLICULAR CELL, mild.

PROSTATE :

AGGREGATES, LYMPHOID, minimal.

NOSE :

INFLAMMATION, TURBINATES, mild.

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL VESICLES, URINARY
BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM,
BONE MARROW

Individual Animal Listing

Showing animal data for individual animals

STUDY  25425/male (* APPROVED PROTOCOL *)

Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665031 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.
FATTY CHANGE, MEDIAN CLEFT, mild.

No Microscopic Abnormality Observed :

THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665062 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 NECROSIS, FOCAL, minimal.
THYROID GLAND :
 HYPERTROPHY, FOLLICULAR CELL, mild.

Individual Animal Listing
Showing animal data for individual animals
STUDY **L** 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665067 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYROID GLAND :
 HYPERTROPHY, FOLLICULAR CELL, minimal.

Individual Animal Listing
Showing animal data for individual animals
STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref	Microscopic & Macroscopic Findings
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665082	Terminal Sacrifice Killed on Day : 92 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
AGGREGATES, LYMPHOID, minimal.
CYST, TUBULAR, mild.
LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
MANDIBULAR LYMPH NODE :
LEUKOCYTOSIS, PLASMA CELL, MEDULLARY, mild.
THYMUS :
HEMORRHAGE, minimal.

665082 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665082 Continued from previous page

Histopathology :

THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, mild.
EPIDIDYMIDES :
AGGREGATES, LYMPHOID, minimal.

No Microscopic Abnormality Observed :
HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, FEMUR/KNEE JOINT, STERNUM, BONE
MARROW, NOSE

665095 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665095 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals

STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)

Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665095 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665096 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665096 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY XXXXXXXXXX 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665096 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 HYPERTROPHY, HEPATOCELLULAR, CENTRIOBULAR, minimal.
KIDNEYS :
 CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
 AGGREGATES, LYMPHOID, minimal.
LUNGS :
 INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR, minimal.
 HEMORRHAGE, ALVEOLAR, minimal.
THYMUS :
 HEMORRHAGE, minimal.
THYROID GLAND :
 HYPERTROPHY, FOLLICULAR CELL, minimal.
EYE(S) WITH OPTIC NERVE :
 INFLAMMATION, PERIOULAR, UNILATERAL, mild.
URINARY BLADDER :
 AGGREGATES, LYMPHOID, minimal.

665096 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665096 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
SKIN, PROSTATE, SEMINAL VESICLES, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

665107

Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYIMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

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Individual Animal Listing
Showing animal data for individual animals
STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665107 Continued from previous page

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.

KIDNEYS :
 AGGREGATES, LYMPHOID, minimal.

THYROID GLAND :
 HYPERTROPHY, FOLLICULAR CELL, mild.

EYE(S) WITH OPTIC NERVE :
 OPTIC NERVE NOT PRESENT, UNILATERAL.

PROSTATE :
 AGGREGATES, LYMPHOID, minimal.

EPIDIDYMIDES :
 AGGREGATES, LYMPHOID, minimal.

No Microscopic Abnormality Observed :
 LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
 CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
 COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
 MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC
 NERVE, PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA,
 ESOPHAGUS, PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN,
 SEMINAL VESICLES, URINARY BLADDER, TESTES,
 FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

Individual Animal Listing

Showing animal data for individual animals

STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665112 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, mild.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665120 Terminal Sacrifice
 Killed on Day : 92
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

KIDNEYS :
DILATATION, BILATERAL, PELVIS, LEFT MODERATE RIGHT SEVERE.

No Macroscopic Abnormality Observed :
LIVER, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE, SEMINAL VESICLES,
URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
HYDRONEPHROSIS, UNILATERAL, mild.
THYMUS :
HEMORRHAGE, minimal.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, mild.
TRACHEA :
INFLAMMATION, FOCAL, minimal.

665120 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals

STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665120 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

665138 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

665138 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665138 Continued from previous page

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665146 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, minimal.
NECROSIS, FOCAL, minimal.

665146 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665146 Continued from previous page

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, mild.

665152 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.

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Individual Animal Listing

Showing animal data for individual animals

STUDY [REDACTED] 25425/male (* APPROVED PROTOCOL *)

Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665152 Continued from previous page

Histopathology :

KIDNEYS :

CHRONIC PROGRESSIVE NEPHROPATHY, minimal.

LUNGS :

HEMORRHAGE, ALVEOLAR, minimal.

THYMUS :

HEMORRHAGE, minimal.

THYROID GLAND :

HYPERTROPHY, FOLLICULAR CELL, mild.

EYE(S) WITH OPTIC NERVE :

INFLAMMATION, PERIOcular, UNILATERAL, minimal.

NOSE :

INFLAMMATION, VOMERONASAL ORGAN, minimal.

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
SKIN, PROSTATE, SEMINAL VESICLES, URINARY BLADDER, TESTES,
EPIDIDYMIDES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

Individual Animal Listing

Showing animal data for individual animals

STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)

Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665158 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.
THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, minimal.

Individual Animal Listing
Showing animal data for individual animals
STUDY **[REDACTED]** 25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665160 Terminal Sacrifice
 Killed on Day : 92
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.
KIDNEYS :
 CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
LUNGS :
 INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR, minimal.
THYROID GLAND :
 HYPERTROPHY, FOLLICULAR CELL, minimal.
PROSTATE :
 AGGREGATES, LYMPHOID, mild.

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Individual Animal Listing
Showing animal data for individual animals
STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665160 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL
VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES, FEMUR/KNEE
JOINT, STERNUM, BONE MARROW, NOSE

665162 Terminal Sacrifice
Killed on Day : 92
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, PROSTATE,
SEMINAL VESICLES, URINARY BLADDER, TESTES, EPIDIDYMIDES,
FEMUR/KNEE JOINT, STERNUM, NOSE

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Individual Animal Listing

Showing animal data for individual animals

STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665162 Continued from previous page

Histopathology :

LIVER :

NECROSIS, FOCAL, minimal.
INFLAMMATION, SUBACUTE/CHRONIC, mild.
FATTY CHANGE, PERIportal, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.
HYPERTROPHY, HEPATOCELLULAR, CENTRIOLOBULAR, minimal.

MANDIBULAR LYMPH NODE :

ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS, mild.

THYMUS :

HEMORRHAGE, minimal.

THYROID GLAND :

HYPERTROPHY, FOLLICULAR CELL, minimal.

PROSTATE :

AGGREGATES, LYMPHOID, mild.

URINARY BLADDER :

AGGREGATES, LYMPHOID, minimal.

EPIDIDYMIDES :

AGGREGATES, LYMPHOID, minimal.

NOSE :

INFLAMMATION, NASOLACRIMAL DUCT, mild.

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY
GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,

665162 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY  25425/male (* APPROVED PROTOCOL *)
Dose Group : VII 1000 mg/kg Treatment: 1000 mg/kg VII Sex: Males

Animal Ref Microscopic & Macroscopic Findings

665162 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, SEMINAL
VESICLES, TESTES, FEMUR/KNEE JOINT, STERNUM, BONE MARROW,
NOSE

*** Listing Complete ***

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
665174	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, mild.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIPORTAL, minimal.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
PHARYNX/LARYNX :
DEGENERATION, MYOFIBER, mild.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, BILATERAL.

665174 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665174 Continued from previous page

Histopathology :

VAGINA :

ESTRUS STAGE: METESTRUS.

No Microscopic Abnormality Observed :

HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

665178

Terminal Sacrifice

Killed on Day : 93

Exposure Group : subch

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665178 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665178 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIPORTAL, minimal.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
THYMUS :
HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.
VAGINA :
ESTRUS STAGE: ESTRUS.

No Microscopic Abnormality Observed :
HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,

665178 Continued on the next page

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665178 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

665189 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665197 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665201 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665201 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665201 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665204 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

665204 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665204 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665211 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
 AGGREGATES, LYMPHOID, minimal.
LUNGS :
 HEMORRHAGE, ALVEOLAR, minimal.

665211 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665211 Continued from previous page

Histopathology :

LUNGS :
 INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR, minimal.
PITUITARY GLAND :
 CYST, minimal.
EYE(S) WITH OPTIC NERVE :
 OPTIC NERVE NOT PRESENT, BILATERAL.
VAGINA :
 ESTRUS STAGE: PROESTRUS.

No Microscopic Abnormality Observed :
 HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
 STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
 RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
 LYMPH NODE, THYMUS, ADRENAL GLANDS, SCIATIC NERVE, THYROID
 GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
 PHARYNX/LARYNX, SKIN, MAMMARY GLAND (FEMALE), OVARIES,
 UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT, STERNUM, BONE
 MARROW, NOSE

665221 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

PITUITARY GLAND :
 LARGE, mild.

665221 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665221 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, VAGINA, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
PARATHYROID GLANDS :
MISSING.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.
SKIN :
DERMATITIS, FOCAL, minimal.
VAGINA :
ESTRUS STAGE: METESTRUS.

665221 Continued on the next page

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
[REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665221 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, MAMMARY GLAND (FEMALE), OVARIES,
UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT, STERNUM, BONE
MARROW, NOSE

ORGANS NOT EXAMINED:

PARATHYROID GLANDS

665225

Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665225 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665225 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.
KIDNEYS :
CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
BRAIN :
AGGREGATES, LYMPHOID, CHOROID PLEXUS, mild.
THYMUS :
HEMORRHAGE, mild.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.
VAGINA :
ESTRUS STAGE: ESTRUS.
NOSE :
INFLAMMATION, ORAL MUCOSA, minimal.

665225 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665225 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
HEART, SKELETAL MUSCLE, SPLEEN, AORTA, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW

665228 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

665228 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
665228	Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665230 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

CERVIX :
DISCOLORATION, WHITE, FIRM, 4 MM DIA..

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, mild.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

665230 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665230 Continued from previous page

Histopathology :

LUNGS :
 INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR, minimal.
PITUITARY GLAND :
 CYST, mild.
EYE(S) WITH OPTIC NERVE :
 OPTIC NERVE NOT PRESENT, UNILATERAL.
 INFLAMMATION, PERIOcular, UNILATERAL, minimal.
VAGINA :
 ESTRUS STAGE: PROESTRUS.
URINARY BLADDER :
 MISSING.

No Microscopic Abnormality Observed :
 KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
 SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
 CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
 GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL GLANDS,
 SCIATIC NERVE, THYROID GLAND, PARATHYROID GLANDS, TRACHEA,
 ESOPHAGUS, PHARYNX/LARYNX, SKIN, MAMMARY GLAND (FEMALE),
 OVARIES, UTERUS, FEMUR/KNEE JOINT, STERNUM, BONE MARROW,
 NOSE

ORGANS NOT EXAMINED:
 URINARY BLADDER

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665256 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665260 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665260 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665260 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665271 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

665271 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665271 Continued from previous page

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
THYMUS :
HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.
VAGINA :
ESTRUS STAGE: METESTRUS.

No Microscopic Abnormality Observed :
KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Female (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
665276	Terminal Sacrifice Killed on Day : 127 Exposure Group : recov Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665278	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665278 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, PERIportal, minimal.
THYMUS :
HEMORRHAGE, minimal.
VAGINA :
ESTRUS STAGE: PROESTRUS.

No Microscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665317 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 FATTY CHANGE, PERIportal, minimal.
LUNGS :
 HEMORRHAGE, ALVEOLAR, minimal.
SPINAL CORD :
 MISSING.
MANDIBULAR LYMPH NODE :
 ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS, minimal.
PARATHYROID GLANDS :
 MISSING.
VAGINA :
 ESTRUS STAGE: PROESTRUS.

665317 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665317 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID
GLAND, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE

ORGANS NOT EXAMINED:
SPINAL CORD, PARATHYROID GLANDS

665319 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665319 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665319 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, minimal.
FATTY CHANGE, PERIPORTAL, minimal.

MANDIBULAR LYMPH NODE :
HYPERPLASIA, LYMPHOID, mild.

THYMUS :
HEMORRHAGE, minimal.

TRACHEA :
INFLAMMATION, minimal.

VAGINA :
ESTRUS STAGE: METESTRUS.

No Microscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY
GLAND, THYROID GLAND, PARATHYROID GLANDS, ESOPHAGUS,

665319 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665319 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

665323 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
femal (* APPROVED PROTOCOL *)
Dose Group : II 0 mg/kg Treatment: 0 mg/kg II Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665327 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
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665182	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :

THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
665215	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, mild.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
665236	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
FATTY CHANGE, MEDIAN CLEFT, mild.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
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665239	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665241 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665268 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :

THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665277 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
LIVER, THYROID GLAND

665308 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665308 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665308 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

665324 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665324 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665324 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
LIVER, THYROID GLAND

665332 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

665332 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : IV 10 mg/kg Treatment: 10 mg/kg IV Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665332 Continued from previous page

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665170 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
NECROSIS, FOCAL, mild.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
665199	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, mild.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY : [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
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665238	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
FATTY CHANGE, MEDIAN CLEFT, mild.
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665250 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
Femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
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665251	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :

INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :

THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665259 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665295 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665300 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665340 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VI 100 mg/kg Treatment: 100 mg/kg VI Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665341 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.

No Microscopic Abnormality Observed :
THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665183 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
 FATTY CHANGE, PERIportal, minimal.
MANDIBULAR LYMPH NODE :
 ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS, minimal.
 LEUKOCYTOSIS, PLASMA CELL, MEDULLARY, minimal.
THYROID GLAND :
 HYPERTROPHY, FOLLICULAR CELL, minimal.
EYE(S) WITH OPTIC NERVE :
 OPTIC NERVE NOT PRESENT, UNILATERAL.
VAGINA :
 ESTRUS STAGE: METESTRUS.

665183 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)

Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665183 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, THYMUS, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

665200

Terminal Sacrifice

Killed on Day : 93

Exposure Group : subch

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665200 Continued from previous page

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
 AGGREGATES, LYMPHOID, minimal.
HEART :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
THYMUS :
 HEMORRHAGE, minimal.
VAGINA :
 ESTRUS STAGE: PROESTRUS.

No Microscopic Abnormality Observed :
LUNGS, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM, COLON,
RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR
LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, BONE MARROW, NOSE

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665209 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665229 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665229 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665229 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :
ECTOPIC THYMUS TISSUE.

665234 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

665234 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665234 Continued from previous page

Histopathology :

LIVER :
 INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
 CHRONIC PROGRESSIVE NEPHROPATHY, minimal.
THYMUS :
 HEMORRHAGE, minimal.
VAGINA :
 ESTRUS STAGE: ESTRUS.

No Microscopic Abnormality Observed :
LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665237 Terminal Sacrifice
 Killed on Day : 127
 Exposure Group : recov
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665242 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)

Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665242 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

DUODENUM :

MISSING.

THYMUS :

HEMORRHAGE, minimal.

THYROID GLAND :

HYPERTROPHY, FOLLICULAR CELL, minimal.

EYE(S) WITH OPTIC NERVE :

OPTIC NERVE NOT PRESENT, UNILATERAL.

INFLAMMATION, PERIOcular, UNILATERAL, minimal.

VAGINA :

ESTRUS STAGE: ESTRUS.

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX, SKIN, MAMMARY GLAND
(FEMALE), OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE
JOINT, STERNUM, BONE MARROW, NOSE

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665242 Continued from previous page

Histopathology :

ORGANS NOT EXAMINED:
DUODENUM

665261 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.
VAGINA :
ESTRUS STAGE: PROESTRUS.

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665261 Continued from previous page

Histopathology :

NOSE :
INFLAMMATION, TURBINATES, minimal.

No Microscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW

665275 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665275 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665282 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665282 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :
THYROID GLAND

665288 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, minimal.

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)

Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref	Microscopic & Macroscopic Findings
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665291	Terminal Sacrifice Killed on Day : 93 Exposure Group : subch Animal is signed off from necropsy
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Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
AGGREGATES, LYMPHOID, minimal.
LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.
PANCREAS :
AGGREGATES, LYMPHOID, minimal.
THYMUS :
HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
FOLD/ROSETTE, RETINAL, minimal.
INFLAMMATION, PERIOcular, UNILATERAL, minimal.

665291 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665291 Continued from previous page

Histopathology :

SKIN :
DERMATITIS, FOCAL, minimal.

VAGINA :
ESTRUS STAGE: PROESTRUS.

No Microscopic Abnormality Observed :
HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL CORD,
STOMACH, DUODENUM, JEJUNUM, ILEUM, CECUM, COLON, RECTUM,
MESENTERIC LYMPH NODE, SALIVARY GLANDS, MANDIBULAR LYMPH
NODE, ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, MAMMARY GLAND (FEMALE), OVARIES, UTERUS,
URINARY BLADDER, FEMUR/KNEE JOINT, STERNUM, BONE MARROW,
NOSE

665299 Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665299 Continued on the next page

Individual Animal Listing

Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)

Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665299 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :

THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :

THYROID GLAND

665303

Terminal Sacrifice

Killed on Day : 127

Exposure Group : recov

Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

665303 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665303 Continued from previous page

Histopathology :

THYROID GLAND :
HYPERTROPHY, FOLLICULAR CELL, minimal.

665310 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

LIVER :
DEFORMITY, RIGHT, LOBE.

No Macroscopic Abnormality Observed :
KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS, ADRENAL
GLANDS, SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, VAGINA, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, NOSE

Histopathology :

LUNGS :
HEMORRHAGE, ALVEOLAR, minimal.

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665310 Continued from previous page

Histopathology :

PANCREAS :
AGGREGATES, LYMPHOID, minimal.
THYMUS :
HEMORRHAGE, minimal.
VAGINA :
ESTRUS STAGE: METESTRUS.

No Microscopic Abnormality Observed :
LIVER, KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,
TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE

665326 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

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Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665326 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
LUNGS :
INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR, minimal.
THYMUS :
CYST, EPITHELIAL, mild.
HEMORRHAGE, minimal.
TRACHEA :
AGGREGATES, LYMPHOID, mild.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, UNILATERAL.
INFLAMMATION, PERIOcular, UNILATERAL, minimal.
VAGINA :
ESTRUS STAGE: ESTRUS.

No Microscopic Abnormality Observed :
KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN,
SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS,
CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY
GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC
NERVE, PITUITARY GLAND, THYROID GLAND, PARATHYROID GLANDS,

665326 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665326 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

ESOPHAGUS, PHARYNX/LARYNX, SKIN, MAMMARY GLAND (FEMALE),
OVARIES, UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT,
STERNUM, BONE MARROW, NOSE

665328

Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

No Microscopic Abnormality Observed :

THYROID GLAND

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] Femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665333 Terminal Sacrifice
 Killed on Day : 93
 Exposure Group : subch
 Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LUNGS :
 HEMORRHAGE, ALVEOLAR, minimal.
THYMUS :
 HEMORRHAGE, minimal.
EYE(S) WITH OPTIC NERVE :
 INFLAMMATION, PERIOcular, UNILATERAL, minimal.
VAGINA :
 ESTRUS STAGE: PROESTRUS.
NOSE :
 INFLAMMATION, TURBINATES, moderate, (gastric vomitus).
 INFLAMMATION, SINUS, mild, maxillary.

665333 Continued on the next page

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
[REDACTED] Femal (* APPROVED PROTOCOL *)

Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665333 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LIVER, KIDNEYS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA,
BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM,
PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH NODE,
SALIVARY GLANDS, MANDIBULAR LYMPH NODE, ADRENAL GLANDS,
SCIATIC NERVE, PITUITARY GLAND, THYROID GLAND,
PARATHYROID GLANDS, TRACHEA, ESOPHAGUS, PHARYNX/LARYNX,
SKIN, MAMMARY GLAND (FEMALE), OVARIES, UTERUS, URINARY
BLADDER, FEMUR/KNEE JOINT, STERNUM, BONE MARROW

665335

Terminal Sacrifice
Killed on Day : 127
Exposure Group : recov
Animal is signed off from necropsy

Gross Pathology :

UTERUS :

DILATATION, HORNS.

No Macroscopic Abnormality Observed :

LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665335 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665335 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

VAGINA :
ESTRUS STAGE: PROESTRUS.

No Microscopic Abnormality Observed :
THYROID GLAND, UTERUS

665337 Terminal Sacrifice
Killed on Day : 93
Exposure Group : subch
Animal is signed off from necropsy

Gross Pathology :

No Macroscopic Abnormality Observed :
LIVER, KIDNEYS, LUNGS, HEART, SKELETAL MUSCLE, SPLEEN,
AORTA, BRAIN, SPINAL CORD, STOMACH, DUODENUM, JEJUNUM,
ILEUM, PANCREAS, CECUM, COLON, RECTUM, MESENTERIC LYMPH
NODE, SALIVARY GLANDS, MANDIBULAR LYMPH NODE, THYMUS,
ADRENAL GLANDS, SCIATIC NERVE, PITUITARY GLAND,

665337 Continued on the next page

Individual Animal Listing
Showing animal data for individual animals
STUDY [REDACTED] femal (* APPROVED PROTOCOL *)
Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665337 Continued from previous page

Gross Pathology :

No Macroscopic Abnormality Observed :
THYROID GLAND, PARATHYROID GLANDS, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, EYE(S) WITH OPTIC NERVE, SKIN, MAMMARY
GLAND (FEMALE), OVARIES, UTERUS, VAGINA, URINARY BLADDER,
FEMUR/KNEE JOINT, STERNUM, NOSE

Histopathology :

LIVER :
INFLAMMATION, SUBACUTE/CHRONIC, minimal.
KIDNEYS :
AGGREGATES, LYMPHOID, mild.
THYMUS :
HEMORRHAGE, minimal.
PARATHYROID GLANDS :
MISSING.
EYE(S) WITH OPTIC NERVE :
OPTIC NERVE NOT PRESENT, BILATERAL.
MISSING, UNILATERAL, LENS.
VAGINA :
ESTRUS STAGE: PROESTRUS.
NOSE :
INFLAMMATION, TURBINATES, minimal.

665337 Continued on the next page

Individual Animal Listing

STUDY [REDACTED] Showing animal data for individual animals
femal (* APPROVED PROTOCOL *)

Dose Group : VIII 1000 mg/kg Treatment: 1000 mg/kg VIII Sex: Females

Animal Ref Microscopic & Macroscopic Findings

665337 Continued from previous page

Histopathology :

No Microscopic Abnormality Observed :

LUNGS, HEART, SKELETAL MUSCLE, SPLEEN, AORTA, BRAIN, SPINAL
CORD, STOMACH, DUODENUM, JEJUNUM, ILEUM, PANCREAS, CECUM,
COLON, RECTUM, MESENTERIC LYMPH NODE, SALIVARY GLANDS,
MANDIBULAR LYMPH NODE, ADRENAL GLANDS, SCIATIC NERVE,
PITUITARY GLAND, THYROID GLAND, TRACHEA, ESOPHAGUS,
PHARYNX/LARYNX, SKIN, MAMMARY GLAND (FEMALE), OVARIES,
UTERUS, URINARY BLADDER, FEMUR/KNEE JOINT, STERNUM, BONE
MARROW

ORGANS NOT EXAMINED:

PARATHYROID GLANDS

*** Listing Complete ***

APPENDIX O

INDIVIDUAL ANIMAL MICROSCOPIC OBSERVATIONS
LISTING INDIVIDUAL ANIMALS AFFECTED

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT							
	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII			
DIGESTIVE SYSTEM							
LIVER	(10)	(10)	(10)	(10)			
NO ABNORMALITY DETECTED		665033					
NECROSIS, FOCAL.	665015	664993	665035	665162			
INFLAMMATION, SUBACUTE/CHRONIC.	665016	664995	665054	664999			
	665047	665053	665073	665026			
	665049	665060	665089	665027			
	665068	665074	665103	665082			
	665070	665080	665119	665096			
	665076	665128	665122	665107			
	665086	665131	665137	665120			
	665130	665136	665143	665152			
	665148		665155	665160			
				665162			
				664999			
				665026			
				665027			
				665082			
				665096			
				665107			
				665152			
				665160			
				665162			
FATTY CHANGE, PERIportal.	665015	664993	665073	665162			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)			
		Males			
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
DIGESTIVE SYSTEM					
LIVER		(10)	(10)	(10)	(10)
FATTY CHANGE, PERIportal.		665016 665047 665068 665076 665086 665130 665070 665148		665103 665143	
FATTY CHANGE, MEDIAN CLEFT.				665089 665103 665128 665137 665155	665162
DEGENERATION, HEPATOCELLULAR, FOCAL.					665027

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
PANCREAS	(10)				(10)
NO ABNORMALITY DETECTED	665015				664999
	665016				665026
	665047				665027
	665049				665082
	665070				665096
	665076				665107
	665086				665120
	665130				665152
	665148				665160
INFLAMMATION, FOCAL.	665068				665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
ESOPHAGUS	(9)			(10)	
NO ABNORMALITY DETECTED	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665070			665096	
	665076			665107	
	665086			665120	
	665130			665152	
	665148			665160	
				665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
STOMACH	(10)			(10)	
NO ABNORMALITY DETECTED	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665070			665107	
	665076			665120	
	665086			665152	
	665130			665160	
	665148			665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
DIGESTIVE SYSTEM							
DUODENUM	(10)			(10)			
NO ABNORMALITY DETECTED	665015			664999			
	665016			665026			
	665047			665027			
	665049			665082			
	665068			665096			
	665070			665107			
	665076			665120			
	665086			665152			
	665130			665160			
	665148			665162			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
JEJUNUM	(10)			(10)	
NO ABNORMALITY DETECTED	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665070			665107	
	665076			665120	
	665086			665152	
	665130			665160	
	665148			665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
ILEUM	(10)			(10)	
NO ABNORMALITY DETECTED	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665070			665107	
	665076			665120	
	665086			665152	
	665130			665160	
	665148			665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
DIGESTIVE SYSTEM							
CECUM	(10)			(10)			
NO ABNORMALITY DETECTED	665015			664999			
	665016			665026			
	665047			665027			
	665049			665082			
	665068			665096			
	665070			665107			
	665076			665120			
	665086			665152			
	665130			665160			
	665148			665162			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
		Males			
DIGESTIVE SYSTEM					
COLON		(10)			(10)
NO ABNORMALITY DETECTED		665015			664999
		665016			665026
		665047			665027
		665049			665082
		665068			665096
		665070			665107
		665076			665120
		665086			665152
		665130			665160
		665148			665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
DIGESTIVE SYSTEM							
RECTUM	(10)			(10)			
NO ABNORMALITY DETECTED	665015			664999			
	665016			665026			
	665047			665027			
	665049			665082			
	665068			665096			
	665070			665107			
	665076			665120			
	665086			665152			
	665130			665160			
	665148			665162			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
SALIVARY GLANDS					
NO ABNORMALITY DETECTED					
	(10)			(10)	
	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665070			665107	
	665076			665120	
	665086			665152	
	665130			665160	
	665148			665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
URINARY SYSTEM					
KIDNEYS		(10)			(9)
NO ABNORMALITY DETECTED		665049			665162
CHRONIC PROGRESSIVE NEPHROPATHY.		665076			665026
		665015			665082
		665016			665096
		665047			665152
		665068			665160
		665086			
		665130			
		665148			
HYDRONEPHROSIS, UNILATERAL.					665120
CYST, TUBULAR.					665082
AGGREGATES, LYMPHOID.		665070			664999
					665082
					665096
					665107

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
URINARY SYSTEM					
URINARY BLADDER		(10)			(10)
NO ABNORMALITY DETECTED		665015			665026
		665016			665027
		665047			665082
		665049			665107
		665068			665120
		665070			665152
		665086			665160
		665148			664999
		665076			665096
		665130			665162
AGGREGATES, LYMPHOID.					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
RESPIRATORY SYSTEM					
LUNGS	(10)			(10)	
NO ABNORMALITY DETECTED	665015			665026	
	665049			665107	
	665068			665120	
MACROPHAGES, ALVEOLAR, FOCAL.	665148			665162	
	665076			665027	
INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR.	665086			664999	
	665016			665096	
HEMORRHAGE, ALVEOLAR.	665047			665160	
	665070			665082	
	665130			665096	
				665152	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
RESPIRATORY SYSTEM					
TRACHEA	(10)			(10)	
NO ABNORMALITY DETECTED	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665070			665107	
	665076			665152	
	665086			665160	
	665130			665162	
	665148			665120	
INFLAMMATION, FOCAL.					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
 Neoplastic and Non-Neoplastic Lesions
 Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
RESPIRATORY SYSTEM							
PHARYNX/LARYNX	(10)			(10)			
NO ABNORMALITY DETECTED	665015			664999			
	665016			665026			
	665047			665027			
	665049			665082			
	665068			665096			
	665070			665107			
	665076			665120			
	665086			665152			
	665130			665160			
	665148			665162			

Figure in parentheses is number of animals microscopically examined for this tissue
 The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
RESPIRATORY SYSTEM					
NOSE		(10)			(10)
NO ABNORMALITY DETECTED		665015 665049 665068 665076 665086 665130 665148 665070			665082 665096 665107 665120 665160 665162
INFLAMMATION, TURBINATES.					665026 665027
INFLAMMATION, VOMERONASAL ORGAN.		665016			665152
INFLAMMATION, ORAL MUCOSA.		665047			664999
INFLAMMATION, NASOLACRIMAL DUCT.					665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
CARDIOVASCULAR SYSTEM					
HEART		(10)			(10)
NO ABNORMALITY DETECTED		665015			664999
		665016			665027
		665047			665082
		665049			665096
		665068			665107
		665070			665120
		665076			665152
		665130			665160
		665148			665162
INFLAMMATION, SUBACUTE/CHRONIC.		665086			665026

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII		
CARDIOVASCULAR SYSTEM							
AORTA		(10)			(10)		
NO ABNORMALITY DETECTED		665015			664999		
		665016			665026		
		665047			665027		
		665049			665082		
		665068			665096		
		665070			665107		
		665076			665120		
		665086			665152		
		665130			665160		
		665148			665162		

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESION INCIDENCE (Animal #)	Males				
	0	10	100	1000	
TREATMENT	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM	(10)			(10)	
SPLEEN	665015			664999	
NO ABNORMALITY DETECTED	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665070			665107	
	665076			665120	
	665086			665152	
	665130			665160	
	665148			665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
THYMUS		(10)			(10)
NO ABNORMALITY DETECTED		665016			665107
		665070			665160
		665076			
		665130			
		665015			664999
		665047			665026
		665049			665027
		665068			665082
		665086			665096
		665148			665120
HEMORRHAGE.					665152
					665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)					
	TREATMENT	Males				
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM						
MANDIBULAR LYMPH NODE		(10)				(10)
NO ABNORMALITY DETECTED		665015				664999
		665016				665096
		665047				665107
		665049				665120
		665070				665152
		665076				665160
		665130				
		665148				
NECROSIS, LYMPHOID.						665027
LEUKOCYTOSIS, PLASMA CELL, MEDULLARY.		665068				665082
ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS.		665086				665026
						665027
						665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
 Neoplastic and Non-Neoplastic Lesions
 Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM		(10)				(10)
		665015				664999
		665016				665026
		665047				665027
MESENTERIC LYMPH NODE		665049				665082
		665068				665096
		665070				665107
		665076				665120
NO ABNORMALITY DETECTED		665086				665152
		665130				665160
		665148				665162

Figure in parentheses is number of animals microscopically examined for this tissue
 The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
BONE MARROW	(10)				(10)
NO ABNORMALITY DETECTED	665015				664999
	665016				665026
	665047				665027
	665049				665082
	665068				665096
	665070				665107
	665076				665120
	665086				665152
	665130				665160
	665148				665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)			
		Males			
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
ENDOCRINE SYSTEM					
PITUITARY GLAND		(10)			(10)
NO ABNORMALITY DETECTED		665015			664999
		665016			665026
		665047			665027
		665049			665082
		665068			665096
		665076			665107
		665086			665120
		665130			665152
		665148			665160
CYST.		665070			665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII		
ENDOCRINE SYSTEM							
THYROID GLAND		(10)	(10)	(10)	(10)		
NO ABNORMALITY DETECTED		665015	664993	665035			
		665016	664995	665054			
		665047	665033	665073			
		665049	665053	665089			
		665068	665074	665119			
		665076	665080	665122			
		665086	665128	665137			
		665130	665131	665143			
		665148	665136	665155			
HYPERTROPHY, FOLLICULAR CELL.		665070	665060	665103	664999		
					665026		
					665027		
					665082		
					665096		
					665107		
					665120		
					665152		
					665160		
					665162		

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic Lesions

Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
ENDOCRINE SYSTEM					
PARATHYROID GLANDS		(9)			(10)
NO ABNORMALITY DETECTED		665015			664999
		665016			665026
		665047			665027
		665049			665082
		665068			665096
		665076			665107
		665086			665120
		665130			665152
		665148			665160
					665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII		
ENDOCRINE SYSTEM							
ADRENAL GLANDS		(10)				(10)	
NO ABNORMALITY DETECTED		665015				664999	
		665016				665026	
		665049				665027	
		665068				665082	
		665070				665096	
		665076				665107	
		665086				665120	
		665130				665152	
		665148				665160	
ADRENAL MEDULLA MISSING.		665047				665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
NERVOUS SYSTEM					
BRAIN	(10)				(10)
NO ABNORMALITY DETECTED	665015				664999
	665016				665026
	665047				665027
	665049				665082
	665068				665096
	665070				665107
	665076				665120
	665086				665152
	665130				665160
	665148				665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic lesions

Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
NERVOUS SYSTEM					
SPINAL CORD					
NO ABNORMALITY DETECTED					
	(10)			(10)	
	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665070			665107	
	665076			665120	
	665086			665152	
	665130			665160	
	665148			665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic lesions

Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	TREATMENT	Males					
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII		
NERVOUS SYSTEM							
SCIATIC NERVE		(9)				(10)	
NO ABNORMALITY DETECTED		665015 665016 665047 665049 665068 665076 665086 665130 665148				664999 665026 665027 665082 665096 665107 665120 665152 665160 665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESION INCIDENCE (Animal #)	Males				
	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
TREATMENT					
MUSCULAR AND SKELETAL SYSTEM					
SKELETAL MUSCLE	(9)			(10)	
NO ABNORMALITY DETECTED	665015			664999	
	665016			665026	
	665047			665027	
	665049			665082	
	665068			665096	
	665076			665107	
	665086			665120	
	665130			665152	
	665148			665160	
				665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII		
MUSCULAR AND SKELETAL SYSTEM							
FEMUR/KNEE JOINT		(10)				(10)	
NO ABNORMALITY DETECTED		665015				664999	
		665016				665026	
		665047				665027	
		665049				665082	
		665068				665096	
		665070				665107	
		665076				665120	
		665086				665152	
		665130				665160	
		665148				665162	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
MUSCULAR AND SKELETAL SYSTEM					
STERNUM	(10)				(10)
NO ABNORMALITY DETECTED	665015 665016 665047 665049 665068 665070 665076 665086 665130 665148				664999 665026 665027 665082 665096 665107 665120 665152 665160 665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
REPRODUCTIVE SYSTEM					
TESTES NO ABNORMALITY DETECTED	(10)				(10)
	665015				664999
	665016				665026
	665047				665027
	665049				665082
	665068				665096
	665070				665107
	665076				665120
	665086				665152
	665130				665160
	665148				665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
REPRODUCTIVE SYSTEM					
EPIDIDYIMIDES	(10)				(10)
NO ABNORMALITY DETECTED	665015				665027
	665049				665096
	665068				665120
	665070				665152
	665076				665160
AGGREGATES, LYMPHOID.	665086				664999
	665016				665026
	665047				665082
	665130				665107
	665148				665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
REPRODUCTIVE SYSTEM					
PROSTATE	(10)				(10)
NO ABNORMALITY DETECTED	665016				665082
	665086				665096
	665130				665120
AGGREGATES, LYMPHOID.	665015				665152
	665047				664999
	665049				665026
	665068				665027
	665070				665107
	665076				665160
	665148				665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic lesions

Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
REPRODUCTIVE SYSTEM					
SEMINAL VESICLES		(10)			(10)
NO ABNORMALITY DETECTED		665015			664999
		665016			665026
		665047			665027
		665049			665082
		665068			665096
		665070			665107
		665076			665120
		665086			665152
		665130			665160
		665148			665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
CUTANEOUS SYSTEM					
SKIN	(10)				(10)
NO ABNORMALITY DETECTED	665015				664999
	665016				665026
	665047				665027
	665049				665082
	665068				665096
	665070				665107
	665076				665120
	665086				665152
	665130				665160
	665148				665162

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

H-25425: Subchronic Toxicity 90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-11418

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic lesions
Main Sacrifice

LESIONS	Males				
	TREATMENT				
	0 I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	LESION INCIDENCE (Animal #)
SPECIAL SENSES SYSTEM					
EYE(S) WITH OPTIC NERVE					(10)
NO ABNORMALITY DETECTED	665016				664999
	665047				665026
	665068				665027
	665070				665082
	665148				665107
					665120
					665160
					665162
					665107
OPTIC NERVE NOT PRESENT, UNILATERAL.	665070				
	665076				
	665086				
	665148				
INFLAMMATION, PERIOcular, UNILATERAL.	665049				
	665076				665096
	665086				665152
	665130				
ATROPHY, RETINAL, UNILATERAL.	665015				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
LIVER		(10)	(10)	(10)	(10)
NO ABNORMALITY DETECTED		665221	665277 665324		665242 665310 665333
NECROSIS, FOCAL. INFLAMMATION, SUBACUTE/CHRONIC.		665174	665182	665170	665183
		665178	665215	665199	665200
		665211	665236	665238	665234
		665225	665239	665250	665261
		665230	665241	665251	665291
		665271	665268	665259	665326
		665278	665308	665295	665337
		665319	665332	665300	
				665340	
FATTY CHANGE, PERIportal.		665174		665341	665183
		665178			
		665225			
		665278			
		665317			
FATTY CHANGE, MEDIAN CLEFT.		665319	665236	665238	
		665230			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic Lesions

Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
DIGESTIVE SYSTEM					
LIVER					
FATTY CHANGE, MEDIAN CLEFT.	(10) 665319	(10)	(10)	(10)	(10)

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
PANCREAS		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665326 665333 665337
AGGREGATES, LYMPHOID.					665291 665310

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
DIGESTIVE SYSTEM					
ESOPHAGUS	(10)				(10)
NO ABNORMALITY DETECTED	665174				665183
	665178				665200
	665211				665234
	665221				665242
	665225				665261
	665230				665291
	665271				665310
	665278				665326
	665317				665333
	665319				665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
STOMACH		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
DIGESTIVE SYSTEM					
DUODENUM	(10)			(9)	
NO ABNORMALITY DETECTED	665174			665183	
	665178			665200	
	665211			665234	
	665221			665261	
	665225			665291	
	665230			665310	
	665271			665326	
	665278			665333	
	665317			665337	
	665319				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
JEJUNUM		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665291 665310 665326 665333 665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
ILEUM		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	TREATMENT	Females			
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
CECUM		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII	
DIGESTIVE SYSTEM					
COLON	(10)				(10)
NO ABNORMALITY DETECTED	665174				665183
	665178				665200
	665211				665234
	665221				665242
	665225				665261
	665230				665291
	665271				665310
	665278				665326
	665317				665333
	665319				665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic Lesions

Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
RECTUM		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
DIGESTIVE SYSTEM					
SALIVARY GLANDS		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	TREATMENT	Females			
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
URINARY SYSTEM					
KIDNEYS		(10)			(10)
NO ABNORMALITY DETECTED		665221 665230 665271 665278 665317			665183 665242 665261 665310 665326
CHRONIC PROGRESSIVE NEPHROPATHY.		665319 665174 665178 665225 665211			665333 665234
AGGREGATES, LYMPHOID.					665200 665291 665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII	
URINARY SYSTEM					
URINARY BLADDER	(9)			(10)	
NO ABNORMALITY DETECTED	665174			665183	
	665178			665200	
	665211			665234	
	665221			665242	
	665225			665261	
	665271			665291	
	665278			665310	
	665317			665326	
	665319			665333	
				665337	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
RESPIRATORY SYSTEM					
LUNGS		(10)			(10)
NO ABNORMALITY DETECTED		665278 665319			665183 665200 665234 665242 665261 665337 665326
INFLAMMATION, SUBACUTE/CHRONIC, PERIVASCULAR.		665211			
HEMORRHAGE, ALVEOLAR.		665230 665174 665178 665211 665221 665225 665271 665317			665291 665310 665333

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)			
		Females			
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
RESPIRATORY SYSTEM					
TRACHEA		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665291 665310 665333 665337 665326
INFLAMMATION. AGGREGATES, LYMPHOID.					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

H-25425: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-11418

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
RESPIRATORY SYSTEM					
PHARYNX/LARYNX	(10)				(10)
NO ABNORMALITY DETECTED	665178				665183
	665211				665200
	665221				665234
	665225				665242
	665230				665261
	665271				665291
	665278				665310
	665317				665326
	665319				665333
DEGENERATION, MYOFIBER.	665174				665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
RESPIRATORY SYSTEM					
NOSE		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665230			665291
		665271			665310
		665278			665326
		665317			
		665319			
INFLAMMATION, TURBINATES.					665261
					665333
INFLAMMATION, SINUS.					665337
INFLAMMATION, ORAL MUCOSA.					665333
		665225			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
CARDIOVASCULAR SYSTEM					
HEART		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665234
		665211			665242
		665221			665261
		665225			665291
		665230			665310
		665271			665326
		665278			665333
		665317			665337
INFLAMMATION, SUBACUTE/CHRONIC.		665319			665200

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Females				
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII	
CARDIOVASCULAR SYSTEM						
AORTA		(10)			(10)	
NO ABNORMALITY DETECTED		665174			665183	
		665178			665200	
		665211			665234	
		665221			665242	
		665225			665261	
		665230			665291	
		665271			665310	
		665278			665326	
		665317			665333	
		665319			665337	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
SPLEEN		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665291 665310 665326 665333 665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
THYMUS		(10)			(10)
NO ABNORMALITY DETECTED		665174 665211 665221 665230 665317 665178 665225 665271 665278 665319			665183 665261
HEMORRHAGE.					665200 665234 665242 665291 665310 665326 665333 665337 665326
CYST, EPITHELIAL.					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
MANDIBULAR LYMPH NODE	(10)				(10)
NO ABNORMALITY DETECTED	665174				665200
	665178				665234
	665211				665242
	665221				665261
	665225				665291
	665230				665310
	665271				665326
	665278				665333
LEUKOCYTOSIS, PLASMA CELL, MEDULLARY. HYPERPLASIA, LYMPHOID. ERYTHROCYTOSIS/ERYTHROPHAGOCYTOSIS, SINUS.	665319				665183
	665317				665183

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
MESENTERIC LYMPH NODE		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
BONE MARROW	(10)			(10)	
NO ABNORMALITY DETECTED	665174			665183	
	665178			665200	
	665211			665234	
	665221			665242	
	665225			665261	
	665230			665291	
	665271			665310	
	665278			665326	
	665317			665333	
	665319			665337	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Females				
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII	
ENDOCRINE SYSTEM						
PITUITARY GLAND		(10)				(10)
NO ABNORMALITY DETECTED		665174				665183
		665178				665200
		665221				665234
		665225				665242
		665271				665261
		665278				665291
		665317				665310
		665319				665326
						665333
						665337
CYST.		665211				
		665230				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
ENDOCRINE SYSTEM					
THYROID GLAND		(10)	(10)	(10)	(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319	665182 665215 665236 665239 665241 665268 665277 665308 665324 665332	665170 665199 665238 665250 665251 665259 665295 665300 665340 665341	665200 665234 665261 665291 665310 665326 665333 665337 665183 665242
HYPERTROPHY, FOLLICULAR CELL.					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
ENDOCRINE SYSTEM					
PARATHYROID GLANDS		(8)			(9)
NO ABNORMALITY DETECTED		665174 665178 665211 665225 665230 665271 665278 665319			665183 665200 665234 665242 665261 665291 665310 665326 665333

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Females				
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII	
ENDOCRINE SYSTEM						
ADRENAL GLANDS		(10)			(10)	
NO ABNORMALITY DETECTED		665174			665183	
		665178			665200	
		665211			665234	
		665221			665242	
		665225			665261	
		665230			665291	
		665271			665310	
		665278			665326	
		665317			665333	
		665319			665337	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
NERVOUS SYSTEM					
BRAIN		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665291 665310 665326 665333 665337
AGGREGATES, LYMPHOID, CHOROID PLEXUS.		665225			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
NERVOUS SYSTEM					
SPINAL CORD	(9)			(10)	
NO ABNORMALITY DETECTED	665174			665183	
	665178			665200	
	665211			665234	
	665221			665242	
	665225			665261	
	665230			665291	
	665271			665310	
	665278			665326	
	665319			665333	
				665337	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
NERVOUS SYSTEM					
SCIATIC NERVE		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665291 665310 665326 665333 665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
MUSCULAR AND SKELETAL SYSTEM					
SKELETAL MUSCLE		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665291 665310 665326 665333 665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

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90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

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Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
MUSCULAR AND SKELETAL SYSTEM					
FEMUR/KNEE JOINT		(10)			(10)
NO ABNORMALITY DETECTED		665174 665178 665211 665221 665225 665230 665271 665278 665317 665319			665183 665200 665234 665242 665261 665291 665310 665326 665333 665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
MUSCULAR AND SKELETAL SYSTEM					
STERNUM		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)			
		Females			
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
REPRODUCTIVE SYSTEM					
OVARIES		(10)			(10)
NO ABNORMALITY DETECTED		665174			665183
		665178			665200
		665211			665234
		665221			665242
		665225			665261
		665230			665291
		665271			665310
		665278			665326
		665317			665333
		665319			665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

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Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	TREATMENT					LESION INCIDENCE (Animal #)			
	0	10	100	1000		Females			
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII					
REPRODUCTIVE SYSTEM									
UTERUS	(10)			(10)					
NO ABNORMALITY DETECTED	665174			665183					
	665178			665200					
	665211			665234					
	665221			665242					
	665225			665261					
	665230			665291					
	665271			665310					
	665278			665326					
	665317			665333					
	665319			665337					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
	TREATMENT	0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
REPRODUCTIVE SYSTEM					
VAGINA		(10)			(10)
ESTRUS STAGE: METESTRUS.		665174 665221 665271 665319 665178 665225			665183 665310
ESTRUS STAGE: ESTRUS.					665234 665242 665326
ESTRUS STAGE: PROESTRUS.		665211 665230 665278 665317			665200 665261 665291 665333 665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
REPRODUCTIVE SYSTEM					
MAMMARY GLAND (FEMALE)	(10)				(10)
NO ABNORMALITY DETECTED	665174				665183
	665178				665200
	665211				665234
	665221				665242
	665225				665261
	665230				665291
	665271				665310
	665278				665326
	665317				665333
	665319				665337

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
CUTANEOUS SYSTEM					
SKIN	(10)			(10)	
NO ABNORMALITY DETECTED	665174			665183	
	665178			665200	
	665211			665234	
	665225			665242	
	665230			665261	
	665271			665310	
	665278			665326	
DERMATITIS, FOCAL:	665317			665333	
	665319			665337	
	665221			665291	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Main Sacrifice

LESION	LESION INCIDENCE (Animal #)			
	Females			
TREATMENT	0	10	100	1000
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII
SPECIAL SENSES SYSTEM				
EYE(S) WITH OPTIC NERVE	(10)			(10)
NO ABNORMALITY DETECTED	665174 665178 665221 665225 665271 665278 665317			665183 665200 665234 665261 665310
OPTIC NERVE NOT PRESENT, UNILATERAL.	665319 665178 665221 665225 665230 665271 665174 665211 665230			665183 665242 665261 665326 665337
OPTIC NERVE NOT PRESENT, BILATERAL.				
INFLAMMATION, PERIOULAR, UNILATERAL.				665242 665291 665326 665333 665291
FOLD/ROSETTE, RETINAL.				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII
DIGESTIVE SYSTEM					
LIVER		(10)			(10)
NECROSIS, FOCAL.		665008			665062
INFLAMMATION, SUBACUTE/CHRONIC.		665042			665146
		665043			665002
		665064			665007
		665081			665031
		665098			665062
		665106			665067
		665121			665095
		665149			665112
		665159			665138
FATTY CHANGE, PERIPORTAL.		665043			665146
		665064			665158
		665081			665002
		665106			665031
		665121			
FATTY CHANGE, MEDIAN CLEFT.		665043			665002
		665106			665031
		665149			665112
					665146
					665158

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
PANCREAS		(1)			
FOCUS OF CELLULAR ALTERATION, BASOPHILIC.		665042			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

H-25425: Subchronic Toxicity
90-Day Gavage Study in Rats with One-Generation Reproduction Evaluations

DuPont-11418

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT					LESION INCIDENCE (Animal #)	
						Males	
		0	10	100	1000		
		mg/kg	mg/kg	mg/kg	mg/kg		
		I	III	V	VII		
DIGESTIVE SYSTEM							
ESOPHAGUS		(1)					
NO ABNORMALITY DETECTED		665042					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
STOMACH					
NO ABNORMALITY DETECTED	(1)				
	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT					LESION INCIDENCE (Animal #)				
						Males				
	0	10	100	1000		0	10	100	1000	
	mg/kg	mg/kg	mg/kg	mg/kg		mg/kg	mg/kg	mg/kg	mg/kg	
	I	III	V	VII		I	III	V	VII	
DIGESTIVE SYSTEM										
DUODENUM										
NO ABNORMALITY DETECTED						(1)				
						665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg	mg/kg	mg/kg	mg/kg	
	I	III	V	VII	
DIGESTIVE SYSTEM					
JEJUNUM	(1)				
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
DIGESTIVE SYSTEM					
ILEUM		(1)			
NO ABNORMALITY DETECTED		665042			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
	TREATMENT	0	10	100	1000		
		mg/kg I	mg/kg III	mg/kg V	mg/kg VII		
DIGESTIVE SYSTEM							
CECUM	(1)						
NO ABNORMALITY DETECTED	665042						

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
COLON	(1)				
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT					LESION INCIDENCE (Animal #)				
						Males				
						0	10	100	1000	
						mg/kg	mg/kg	mg/kg	mg/kg	
						I	III	V	VII	
DIGESTIVE SYSTEM										
RECTUM						(1)				
NO ABNORMALITY DETECTED						665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
DIGESTIVE SYSTEM					
SALIVARY GLANDS	(1)				
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION INCIDENCE (Animal #)	Males			
	0	10	100	1000
TREATMENT	mg/kg I	mg/kg III	mg/kg V	mg/kg VII
URINARY SYSTEM				
KIDNEYS	(1)			
NO ABNORMALITY DETECTED	665042			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
URINARY SYSTEM						
URINARY BLADDER		(1)				
NO ABNORMALITY DETECTED		665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
	TREATMENT	0	10	100	1000
		mg/kg I	mg/kg III	mg/kg V	mg/kg VII
RESPIRATORY SYSTEM					
LUNGS		(1)			
MACROPHAGES, ALVEOLAR, FOCAL. HEMORRHAGE, ALVEOLAR.		665042			
		665042			

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
	TREATMENT	0	10	100	1000		
		mg/kg I	mg/kg III	mg/kg V	mg/kg VII		
RESPIRATORY SYSTEM							
TRACHEA							
NO ABNORMALITY DETECTED							
(1)							
665042							

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
RESPIRATORY SYSTEM							
PHARYNX/LARYNX	(1)						
NO ABNORMALITY DETECTED	665042						

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
RESPIRATORY SYSTEM						
NOSE						
NO ABNORMALITY DETECTED		(1)				
		665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

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Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
CARDIOVASCULAR SYSTEM						
HEART						
NO ABNORMALITY DETECTED		(1)				
		665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
CARDIOVASCULAR SYSTEM					
AORTA		(1)			
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM						
SPLEEN		(1)				
NO ABNORMALITY DETECTED		665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION INCIDENCE (Animal #)	Males				
	0	10	100	1000	
TREATMENT	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
THYMUS	(1)				
HEMORRHAGE.	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION INCIDENCE (Animal #)	Males						
	0	10	100	1000			
TREATMENT	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
LYMPHATIC AND HEMATOPOIETIC SYSTEM							
MANDIBULAR LYMPH NODE	(1)						
NO ABNORMALITY DETECTED	665042						

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg	mg/kg	mg/kg	mg/kg	
	I	III	V	VII	
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
MESENTERIC LYMPH NODE	(1)				
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)			
		Males			
		0	10	100	1000
		I	III	V	VII
LYMPHATIC AND HEMATOPOIETIC SYSTEM					
BONE MARROW					
(1)					
NO ABNORMALITY DETECTED					
665042					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
ENDOCRINE SYSTEM					
PITUITARY GLAND		(1)			
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
ENDOCRINE SYSTEM					
THYROID GLAND	(10)			(10)	
NO ABNORMALITY DETECTED	665008			665031	
	665042			665095	
	665064			665112	
	665081			665138	
	665098				
	665106				
	665121				
	665149				
	665159				
	665043			665002	
				665007	
				665062	
				665067	
				665146	
				665158	
HYPERTROPHY, FOLLICULAR CELL.					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
ENDOCRINE SYSTEM							
ADRENAL GLANDS	(1)						
NO ABNORMALITY DETECTED	665042						

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
NERVOUS SYSTEM							
BRAIN		(1)					
NO ABNORMALITY DETECTED		665042					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0	10	100	1000	
		mg/kg	mg/kg	mg/kg	mg/kg	
		I	III	V	VII	
NERVOUS SYSTEM						
SPINAL CORD		(1)				
NO ABNORMALITY DETECTED		665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT					LESION INCIDENCE (Animal #)				
						Males				
						0	10	100	1000	
						mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
NERVOUS SYSTEM										
SCIATIC NERVE						(1)				
NO ABNORMALITY DETECTED						665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)						
	Males						
TREATMENT	0	10	100	1000			
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII			
MUSCULAR AND SKELETAL SYSTEM							
SKELETAL MUSCLE	(1)						
NO ABNORMALITY DETECTED	665042						

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0 mg/kg I	10 mg/kg III	100 mg/kg V	1000 mg/kg VII	
MUSCULAR AND SKELETAL SYSTEM						
FEMUR/KNEE JOINT		(1)				
NO ABNORMALITY DETECTED		665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0	10	100	1000	
		mg/kg	mg/kg	mg/kg	mg/kg	
		I	III	V	VII	
MUSCULAR AND SKELETAL SYSTEM						
STERNUM						
NO ABNORMALITY DETECTED						
(1)						
665042						

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0	10	100	1000	
		mg/kg	mg/kg	mg/kg	mg/kg	
		I	III	V	VII	
REPRODUCTIVE SYSTEM						
TESTES		(1)				
	NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)				
		Males				
		0	10	100	1000	
		mg/kg	mg/kg	mg/kg	mg/kg	
		I	III	V	VII	
REPRODUCTIVE SYSTEM						
EPIDIDYMIDES						
NO ABNORMALITY DETECTED						
		(1)				
		665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic Lesions

Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
REPRODUCTIVE SYSTEM					
PROSTATE					
NO ABNORMALITY DETECTED		(1)			
					665042

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
REPRODUCTIVE SYSTEM					
SEMINAL VESICLES	(1)				
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
CUTANEOUS SYSTEM					
SKIN	(1)				
NO ABNORMALITY DETECTED	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Male Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Males				
TREATMENT	0	10	100	1000	
	mg/kg I	mg/kg III	mg/kg V	mg/kg VII	
SPECIAL SENSES SYSTEM					
EYE(S) WITH OPTIC NERVE	(1)				
OPTIC NERVE NOT PRESENT, UNILATERAL.	665042				

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESIONS	TREATMENT	LESION INCIDENCE (Animal #)			
		Females			
		0 mg/kg II	10 mg/kg IV	100 mg/kg VI	1000 mg/kg VIII
ENDOCRINE SYSTEM					
THYROID GLAND		(10)			(10)
NO ABNORMALITY DETECTED		665189 665197 665201 665204 665228 665256 665260 665323 665327			665209 665237 665275 665282 665299 665328 665335
HYPERTROPHY, FOLLICULAR CELL.					665288 665303 665229
ECTOPIC THYMUS TISSUE.					

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected
Neoplastic and Non-Neoplastic Lesions
Recovery Sacrifice

LESION	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
REPRODUCTIVE SYSTEM					
UTERUS					(1)
NO ABNORMALITY DETECTED					665335

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

Microscopic Observations in Female Rats Listing Individual Animals Affected

Neoplastic and Non-Neoplastic Lesions

Recovery Sacrifice

LESIONS	LESION INCIDENCE (Animal #)				
	Females				
TREATMENT	0	10	100	1000	
	mg/kg II	mg/kg IV	mg/kg VI	mg/kg VIII	
REPRODUCTIVE SYSTEM					
VAGINA				(1)	
ESTRUS STAGE: PROESTRUS.				665335	

Figure in parentheses is number of animals microscopically examined for this tissue
The absence of a number indicates the lesion specified was not identified

APPENDIX P
INDIVIDUAL CLINICAL OBSERVATIONS AND MORTALITY DATA
IN P₁ MALE RATS

INDIVIDUAL CLINICAL OBSERVATIONS AND MORTALITY DATA IN P₁ MALE RATS

EXPLANATORY NOTES

Notes

Test Days 1-74 = Premating period
Test Days 74-88 = Cohabitation period

Abbreviations

NR = Not recovered; the given sign was observed on the date that the animal died.

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: I-0 DOSE: 0 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665144	COLORED DISCHARGE RIGHT EYE(S) RED SACRIFICED BY DESIGN TEST DAY 111	84	84
665104	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665044	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665141	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665135	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665005	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665075	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665091	ALOPECIA RIGHT FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 112	112	112 NR
665040	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665069	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665029	ALOPECIA BOTH FRONT PAW(S) SACRIFICED BY DESIGN TEST DAY 113	105	113 NR
665000	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665166	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665012	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: I-0 DOSE: 0 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
664996	ALOPECIA BOTH FRONT PAW(S) SACRIFICED BY DESIGN TEST DAY 113	77	113 NR
664994	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665046	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665021	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665087	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665079	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: III-0 DOSE: 10 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665153	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665037	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665163	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665001	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665126	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665125	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665017	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665071	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665032	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
664997	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665110	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665041	ALOPECIA BOTH FRONT PAW(S) ALOPECIA BOTH FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 113	77 77	113 NR 113 NR
665058	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: III-0 DOSE: 10 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665113	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665056	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665025	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665038	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665006	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665167	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665020	ALOPECIA BOTH FRONT LEG(S) ALOPECIA BOTH FRONT PAW(S) SACRIFICED BY DESIGN TEST DAY 113	77 91	113 NR 112

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: V-0 DOSE: 100 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665116	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665034	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665051	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665083	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665124	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665078	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665036	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665085	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665092	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665004	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665140	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665114	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665139	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665111	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: V-0 DOSE: 100 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665055	ALOPECIA LEFT FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 113	91	113 NR
665066	SORE LEFT FRONT TOE(S) SACRIFICED BY DESIGN TEST DAY 113	105	105
665039	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665003	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665088	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665147	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: VII-0 DOSE: 1000 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665050	NO ABNORMALITIES DETECTED FOUND DEAD TEST DAY 89		
665134	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665022	ALOPECIA BOTH FRONT PAW(S) ALOPECIA BOTH FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 111	77 84	111 NR 111 NR
665105	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665102	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665161	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 111		
665133	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665157	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665093	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665059	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665123	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 112		
665018	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665065	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		

INDIVIDUAL CLINICAL OBSERVATIONS IN P MALE RATS

GROUP: VII-0 DOSE: 1000 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665063	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665090	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665057	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665011	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665109	ALOPECIA RIGHT REAR LEG(S) SACRIFICED BY DESIGN TEST DAY 113	77	113 NR
664998	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		
665077	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 113		

APPENDIX Q

INDIVIDUAL CLINICAL OBSERVATIONS AND MORTALITY DATA
IN P₁ FEMALE RATS DURING GESTATION

INDIVIDUAL CLINICAL OBSERVATIONS AND MORTALITY DATA
IN P₁ FEMALE RATS DURING GESTATION

EXPLANATORY NOTES

Notes

This appendix contains data from females with evidence of copulation (gestation days 0-21), and from females that did not show evidence of mating (days signs were observed were determined from the initiation of test substance administration (days are greater than 21).

Abbreviation

CS = Continuing sign; the given sign was observed on the last day of the report period.

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: II-0 DOSE: 0 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665220	VAGINAL PLUG	0	0
665334	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665257	CAGEBOARD PLUGS	88	88
	SPERM NEGATIVE	88	88
665175	VAGINAL PLUG	0	0
665336	SPERM POSITIVE	0	0
665192	VAGINAL PLUG	0	0
665232	VAGINAL PLUG	0	0
665307	VAGINAL PLUG	0	0
665246	VAGINAL PLUG	0	0
	ALOPECIA ABDOMEN	14	21 CS
665289	VAGINAL PLUG	0	0
665264	ALOPECIA BOTH FRONT LEG(S)	0	21
	VAGINAL PLUG	0	0
665185	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
	ALOPECIA RIGHT REAR LEG(S)	14	21 CS
	ALOPECIA ABDOMEN	18	21 CS
665206	VAGINAL PLUG	0	0
665306	VAGINAL PLUG	0	0
665226	VAGINAL PLUG	0	0
665198	VAGINAL PLUG	0	0
	COLOR DISCHARGE RIGHT EYE(S) RED	7	7
665249	VAGINAL PLUG	0	0
665284	VAGINAL PLUG	0	0

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: II-0 DOSE: 0 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665240	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665203	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: IV-0 DOSE: 10 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665212	VAGINAL PLUG	0	0
	ALOPECIA BOTH FRONT PAW(S)	18	21
665180	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
	ALOPECIA BOTH FRONT PAW(S)	0	21 CS
	ALOPECIA BOTH FRONT LEG(S)	0	21 CS
665292	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665187	ALOPECIA BOTH FRONT PAW(S)	0	21 CS
	ALOPECIA BOTH FRONT LEG(S)	0	21 CS
	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
	ALOPECIA ABDOMEN	21	21 CS
665205	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665263	NO ABNORMALITIES DETECTED		
665210	ALOPECIA BOTH FRONT LEG(S)	0	21 CS
	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665181	NO ABNORMALITIES DETECTED		
665248	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
	ALOPECIA BOTH FRONT PAW(S)	0	21
	ALOPECIA BOTH FRONT LEG(S)	0	21
665293	ALOPECIA LEFT FRONT LEG(S)	0	21
	ALOPECIA LEFT REAR LEG(S)	0	21
	ALOPECIA ABDOMEN	0	21
	VAGINAL PLUG	0	0
665329	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
	ALOPECIA ABDOMEN	0	21
665290	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: IV-0 DOSE: 10 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665253	VAGINAL PLUG	0	0
	ALOPECIA BOTH FRONT PAW(S)	0	21
	ALOPECIA BOTH FRONT LEG(S)	0	21
665286	VAGINAL PLUG	0	0
665281	VAGINAL PLUG	0	0
665186	VAGINAL PLUG	0	0
665330	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665294	VAGINAL PLUG	0	0
665244	VAGINAL PLUG	0	0
665258	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: VI-0 DOSE: 100 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665338	VAGINAL PLUG	0	0
665219	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665267	VAGINAL PLUG	0	0
665325	VAGINAL PLUG	0	0
665331	VAGINAL PLUG	0	0
665217	VAGINAL PLUG	0	0
665227	VAGINAL PLUG	0	0
665262	VAGINAL PLUG	0	0
665247	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665243	VAGINAL PLUG	0	0
	ALOPECIA BOTH FRONT PAW(S)	0	18
	ALOPECIA BOTH FRONT LEG(S)	0	14
665312	VAGINAL PLUG	0	0
665298	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665207	ALOPECIA BOTH FRONT PAW(S)	0	7
	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665273	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665274	VAGINAL PLUG	0	0
665272	VAGINAL PLUG	0	0

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: VI-0 DOSE: 100 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665195	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665314	VAGINAL PLUG	0	0
	ALOPECIA ABDOMEN	14	21
665316	VAGINAL PLUG	0	0
665173	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: VIII-0 DOSE: 1000 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665296	CAGEBOARD PLUGS	78	78
	SPERM NEGATIVE	78	78
665193	VAGINAL PLUG	0	0
	ALOPECIA RIGHT FRONT LEG(S)	21	21 CS
665320	NO ABNORMALITIES DETECTED		
665315	VAGINAL PLUG	0	0
665318	VAGINAL PLUG	0	0
665279	VAGINAL PLUG	0	0
665224	VAGINAL PLUG	0	0
665254	VAGINAL PLUG	0	0
665245	ALOPECIA BOTH FRONT PAW(S)	0	21
	VAGINAL PLUG	0	0
665322	VAGINAL PLUG	0	0
665214	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
	ALOPECIA BOTH FRONT PAW(S)	7	21 CS
	ALOPECIA BOTH FRONT LEG(S)	7	21 CS
665321	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665171	VAGINAL PLUG	0	0
665265	SPERM POSITIVE	0	0
665169	VAGINAL PLUG	0	0
665191	VAGINAL PLUG	0	0
	ALOPECIA BOTH FRONT LEG(S)	0	21
	ALOPECIA BOTH FRONT PAW(S)	14	21
665231	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
	ALOPECIA RIGHT FRONT LEG(S)	7	21 CS
665255	VAGINAL PLUG	0	0

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING GESTATION

GROUP: VIII-0 DOSE: 1000 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665213	CAGEBOARD PLUGS	0	0
	SPERM POSITIVE	0	0
665280	CAGEBOARD PLUGS	78	78
	SPERM NEGATIVE	78	78

APPENDIX R

INDIVIDUAL CLINICAL OBSERVATIONS AND MORTALITY DATA
IN P₁ FEMALE RATS DURING LACTATION

INDIVIDUAL CLINICAL OBSERVATIONS AND MORTALITY DATA
IN P₁ FEMALE RATS DURING LACTATION

EXPLANATORY NOTES

Notes

This appendix contains data from females that delivered a litter (lactation days 0-21), and from females that did not deliver a litter (days signs were observed were determined from the initiation of test substance administration (days are greater than 21).

Test days for all animal fates are determined from the initiation of test substance administration.

Abbreviations

NR = Not recovered; the given sign was observed on the date that the animal died.

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: II-0 DOSE: 0 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665220	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665334	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665257	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 132		
665175	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665336	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 131		
665192	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665232	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 123		
665307	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665246	ALOPECIA ABDOMEN SACRIFICED BY DESIGN TEST DAY 120	0	21 NR
665264	ALOPECIA BOTH FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 119	0	21 NR
665185	ALOPECIA RIGHT REAR LEG(S) ALOPECIA ABDOMEN SACRIFICED BY DESIGN TEST DAY 118	0 0	21 NR 21 NR
665206	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665306	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: II-0 DOSE: 0 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665226	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665198	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665249	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 127		
665284	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665240	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665203	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: IV-0 DOSE: 10 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665212	ALOPECIA BOTH FRONT PAW(S)	0	21 NR
	ALOPECIA BOTH FRONT LEG(S)	21	21 NR
	SACRIFICED BY DESIGN TEST DAY 123		
665180	ALOPECIA BOTH FRONT PAW(S)	0	21 NR
	ALOPECIA BOTH FRONT LEG(S)	0	21 NR
	SACRIFICED BY DESIGN TEST DAY 119		
665292	NO ABNORMALITIES DETECTED		
	SACRIFICED BY DESIGN TEST DAY 121		
665187	ALOPECIA BOTH FRONT PAW(S)	0	7
	ALOPECIA BOTH FRONT LEG(S)	0	7
	ALOPECIA ABDOMEN	0	21 NR
	SACRIFICED BY DESIGN TEST DAY 118		
665205	NO ABNORMALITIES DETECTED		
	SACRIFICED BY DESIGN TEST DAY 121		
665263	NO ABNORMALITIES DETECTED		
	SACRIFICED BY DESIGN TEST DAY 120		
665210	ALOPECIA BOTH FRONT LEG(S)	0	21 NR
	SACRIFICED BY DESIGN TEST DAY 118		
665181	NO ABNORMALITIES DETECTED		
	SACRIFICED BY DESIGN TEST DAY 118		
665248	ALOPECIA BOTH FRONT PAW(S)	0	7
	ALOPECIA BOTH FRONT LEG(S)	0	7
	FOUND DEAD TEST DAY 112		
665293	ALOPECIA LEFT FRONT LEG(S)	0	21 NR
	ALOPECIA LEFT REAR LEG(S)	0	21 NR
	ALOPECIA ABDOMEN	0	21 NR
	SACRIFICED BY DESIGN TEST DAY 119		
665329	ALOPECIA ABDOMEN	0	21 NR
	SACRIFICED BY DESIGN TEST DAY 124		

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: IV-0 DOSE: 10 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665290	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665253	ALOPECIA BOTH FRONT PAW(S) ALOPECIA BOTH FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 121	0 0	21 NR 21 NR
665286	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665281	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665186	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665330	ALOPECIA BOTH FRONT PAW(S) SACRIFICED BY DESIGN TEST DAY 119	7	21 NR
665294	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665244	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665258	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 124		

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: VI-0 DOSE: 100 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665338	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665219	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 122		
665267	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665325	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665331	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 123		
665217	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665227	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665262	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 123		
665247	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 122		
665243	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665312	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665207	ALOPECIA LEFT FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 118	7	21 NR
665273	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665274	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: VI-0 DOSE: 100 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665272	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665195	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665314	ALOPECIA UNDERBODY ALOPECIA BOTH FRONT PAW(S) ALOPECIA BOTH FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 119	0 7 7	21 NR 21 NR 21 NR
665316	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 129		
665173	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: VIII-0 DOSE: 1000 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665296	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		
665193	ALOPECIA RIGHT FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 121	0	14
665320	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665315	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665318	ALOPECIA RIGHT HIND QUARTERS SACRIFICED BY DESIGN TEST DAY 121	7	21 NR
665279	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665254	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665245	ALOPECIA BOTH FRONT PAW(S) SACRIFICED BY DESIGN TEST DAY 119	0	21 NR
665322	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665214	ALOPECIA BOTH FRONT PAW(S) ALOPECIA BOTH FRONT LEG(S) MASS 1 0.5 cm LEFT SHOULDER(S) MASS 1 2.0 cm LEFT SHOULDER(S) SORE LEFT SHOULDER(S) SACRIFICED BY DESIGN TEST DAY 121	0 0 14 21 21	21 NR 21 NR 14 21 NR 21 NR
665321	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665171	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		

INDIVIDUAL CLINICAL OBSERVATIONS IN P FEMALE RATS DURING LACTATION

GROUP: VIII-0 DOSE: 1000 MG/KG/DAY

ANIMAL NUMBER	OBSERVATION	FIRST DAY OBSERVED	LAST DAY OBSERVED
665265	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 122		
665169	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 120		
665191	ALOPECIA BOTH FRONT LEG(S) ALOPECIA BOTH FRONT PAW(S) SACRIFICED BY DESIGN TEST DAY 124	0 0	21 NR 21 NR
665231	ALOPECIA RIGHT FRONT LEG(S) SACRIFICED BY DESIGN TEST DAY 121	0	21 NR
665255	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 118		
665213	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 119		
665280	NO ABNORMALITIES DETECTED SACRIFICED BY DESIGN TEST DAY 121		

APPENDIX S

INDIVIDUAL BODY WEIGHTS OF P₁ MALE RATS

INDIVIDUAL BODY WEIGHTS OF P₁ MALE RATS

EXPLANATORY NOTES

Notes

Test Days 74-88 = Cohabitation period

Abbreviations

FD = Found Dead

SD = Sacrificed by design

INDIVIDUAL BODY WEIGHTS (g) OF P MALE RATS

GROUP: I-0

DOSE: 0 MG/KG/DAY

DAYS ON TEST:	70	77	84	91	98	105	
ANIMAL NUMBER							
665144	571.4	578.6	596.0	610.4	601.5	597.4	SD (DAY 111)
665104	545.7	555.7	566.8	580.8	600.5	615.7	SD (DAY 111)
665044	519.5	501.2	525.5	524.6	531.4	533.5	SD (DAY 111)
665141	481.9	489.9	494.4	510.2	518.5	524.2	SD (DAY 111)
665135	559.4	554.2	568.5	577.6	595.7	620.7	SD (DAY 111)
665005	626.3	637.0	640.4	652.4	647.5	658.8	SD (DAY 112)
665075	499.7	493.5	499.7	502.9	515.6	524.6	SD (DAY 112)
665091	623.8	640.7	655.5	668.4	692.0	701.7	SD (DAY 112)
665040	474.7	460.9	483.7	490.1	503.6	508.0	SD (DAY 112)
665069	554.6	557.9	565.5	583.0	593.2	596.9	SD (DAY 112)
665029	494.5	503.4	501.5	504.7	513.8	522.6	SD (DAY 113)
665000	533.4	540.0	547.9	551.4	560.0	563.1	SD (DAY 113)
665166	595.9	600.5	616.0	630.2	630.9	648.0	SD (DAY 113)
665012	524.9	522.5	530.1	522.6	527.3	533.3	SD (DAY 113)
664996	482.7	488.2	496.5	502.5	502.8	509.8	SD (DAY 113)
664994	504.0	515.7	530.7	538.9	547.5	559.9	SD (DAY 113)
665046	534.2	552.8	567.5	575.5	573.5	588.7	SD (DAY 113)
665021	503.4	505.6	510.1	515.9	526.9	530.0	SD (DAY 113)
665087	494.3	484.0	502.2	516.1	529.4	537.9	SD (DAY 113)
665079	621.3	618.6	635.1	652.4	659.4	665.9	SD (DAY 113)

INDIVIDUAL BODY WEIGHTS (g) OF P MALE RATS

GROUP: III-0

DOSE: 10 MG/KG/DAY

DAYS ON TEST:	70	77	84	91	98	105	
ANIMAL NUMBER							
665153	525.8	511.4	541.2	558.8	560.2	564.6	SD (DAY 111)
665037	554.0	558.1	571.5	583.5	591.9	602.8	SD (DAY 111)
665163	515.8	507.8	529.9	535.0	546.2	553.8	SD (DAY 111)
665001	547.6	530.9	540.9	550.8	557.3	570.7	SD (DAY 111)
665126	520.0	510.7	515.9	519.6	535.3	540.0	SD (DAY 111)
665125	491.5	489.9	503.1	517.8	532.1	536.2	SD (DAY 112)
665017	495.1	486.6	503.8	509.2	521.9	519.2	SD (DAY 112)
665071	521.3	507.7	530.8	532.1	547.0	551.4	SD (DAY 112)
665032	478.8	470.0	480.0	495.5	506.8	519.1	SD (DAY 112)
664997	547.4	554.5	566.5	568.6	578.1	585.8	SD (DAY 112)
665110	512.5	494.6	518.1	531.8	546.3	551.7	SD (DAY 113)
665041	464.4	455.4	470.1	468.2	481.5	487.9	SD (DAY 113)
665058	577.9	565.2	588.0	605.9	627.1	635.2	SD (DAY 113)
665113	594.0	573.6	602.3	622.3	627.6	643.3	SD (DAY 113)
665056	474.9	470.5	491.4	496.3	511.1	523.5	SD (DAY 113)
665025	505.3	471.0	511.8	517.1	531.1	533.1	SD (DAY 113)
665038	549.3	541.5	569.8	583.3	587.7	599.6	SD (DAY 113)
665006	558.7	532.9	576.4	582.3	605.9	608.6	SD (DAY 113)
665167	480.6	489.8	501.0	506.7	522.0	534.4	SD (DAY 113)
665020	541.3	539.9	559.7	581.5	589.2	602.9	SD (DAY 113)

INDIVIDUAL BODY WEIGHTS (g) OF P MALE RATS

GROUP: V-0

DOSE: 100 MG/KG/DAY

DAYS ON TEST:	70	77	84	91	98	105	
ANIMAL NUMBER							
665116	479.3	461.9	481.8	496.9	504.5	511.0	SD (DAY 111)
665034	556.2	562.6	567.1	575.0	584.5	591.7	SD (DAY 111)
665051	479.5	485.5	501.3	506.2	509.7	526.7	SD (DAY 111)
665083	485.1	482.4	490.2	496.3	507.5	511.6	SD (DAY 111)
665124	418.2	456.4	476.3	485.1	496.3	508.4	SD (DAY 111)
665078	547.8	560.5	578.4	589.3	612.3	613.8	SD (DAY 112)
665036	452.1	446.8	466.2	469.0	492.3	497.6	SD (DAY 112)
665085	593.8	533.7	571.2	602.1	627.1	633.7	SD (DAY 112)
665092	456.0	450.3	465.2	466.0	478.2	490.8	SD (DAY 112)
665004	550.8	548.4	563.4	557.6	575.4	572.6	SD (DAY 112)
665140	530.7	503.9	530.4	541.4	555.2	557.9	SD (DAY 113)
665114	509.6	503.2	515.1	525.5	541.1	548.5	SD (DAY 113)
665139	535.5	530.6	547.7	564.8	573.4	588.8	SD (DAY 113)
665111	505.5	521.9	530.2	527.3	544.2	555.1	SD (DAY 113)
665055	503.0	497.8	504.4	521.9	539.3	556.4	SD (DAY 113)
665066	491.5	480.5	502.0	518.6	531.0	535.4	SD (DAY 113)
665039	521.9	476.5	523.5	541.9	556.6	566.6	SD (DAY 113)
665003	564.7	571.9	583.8	577.5	596.4	594.5	SD (DAY 113)
665088	452.4	448.2	452.3	459.8	470.3	480.1	SD (DAY 113)
665147	513.6	497.6	505.1	523.0	533.4	548.6	SD (DAY 113)

INDIVIDUAL BODY WEIGHTS (g) OF P MALE RATS

GROUP: VII-0

DOSE: 1000 MG/KG/DAY

DAYS ON TEST:	70	77	84	91	98	105	
ANIMAL NUMBER							
665050	578.3	573.7	576.9	FD (DAY 89)			
665134	487.8	488.2	486.2	495.6	507.4	518.1	SD (DAY 111)
665022	425.4	426.9	433.1	445.8	444.0	452.3	SD (DAY 111)
665105	486.0	491.3	505.9	515.7	531.8	535.0	SD (DAY 111)
665102	499.5	500.8	511.2	519.3	507.7	504.0	SD (DAY 111)
665161	515.0	518.6	536.1	545.2	548.4	553.5	SD (DAY 111)
665133	540.4	548.2	556.2	561.7	573.3	584.2	SD (DAY 112)
665157	506.4	514.4	526.9	528.4	549.8	541.0	SD (DAY 112)
665093	445.9	449.6	452.1	463.2	465.9	475.2	SD (DAY 112)
665059	499.5	492.8	501.0	503.7	514.2	522.3	SD (DAY 112)
665123	566.2	564.7	577.0	588.6	606.8	613.2	SD (DAY 112)
665018	558.7	571.0	583.3	596.5	606.9	611.4	SD (DAY 113)
665065	589.8	598.6	604.4	612.4	623.0	604.3	SD (DAY 113)
665063	553.2	556.2	568.1	568.2	575.2	572.3	SD (DAY 113)
665090	499.7	496.0	505.8	523.1	538.8	537.9	SD (DAY 113)
665057	574.6	572.5	584.8	595.3	597.2	612.8	SD (DAY 113)
665011	588.7	567.4	594.2	608.2	628.0	639.8	SD (DAY 113)
665109	568.5	565.3	579.1	592.1	603.1	604.7	SD (DAY 113)
664998	476.4	474.4	483.2	484.9	497.8	506.5	SD (DAY 113)
665077	525.4	513.4	529.5	535.7	552.2	550.3	SD (DAY 113)

APPENDIX T

INDIVIDUAL BODY WEIGHT GAINS OF P₁ MALE RATS

INDIVIDUAL BODY WEIGHT GAINS OF P₁ MALE RATS

EXPLANATORY NOTES

Notes

Test Days 74-88 = Cohabitation period

INDIVIDUAL BODY WEIGHT GAINS (g) OF P MALE RATS

GROUP: I-0

DOSE: 0 MG/KG/DAY

DAYS ON TEST:	70-77	77-84	84-91	91-98	98-105	70-105
ANIMAL NUMBER						
665144	7.2	17.4	14.4	-8.9	-4.1	26.0
665104	10.0	11.1	14.0	19.7	15.2	70.0
665044	-18.3	24.3	-0.9	6.8	2.1	14.0
665141	8.0	4.5	15.8	8.3	5.7	42.3
665135	-5.2	14.3	9.1	18.1	25.0	61.3
665005	10.7	3.4	12.0	-4.9	11.3	32.5
665075	-6.2	6.2	3.2	12.7	9.0	24.9
665091	16.9	14.8	12.9	23.6	9.7	77.9
665040	-13.8	22.8	6.4	13.5	4.4	33.3
665069	3.3	7.6	17.5	10.2	3.7	42.3
665029	8.9	-1.9	3.2	9.1	8.8	28.1
665000	6.6	7.9	3.5	8.6	3.1	29.7
665166	4.6	15.5	14.2	0.7	17.1	52.1
665012	-2.4	7.6	-7.5	4.7	6.0	8.4
664996	5.5	8.3	6.0	0.3	7.0	27.1
664994	11.7	15.0	8.2	8.6	12.4	55.9
665046	18.6	14.7	8.0	-2.0	15.2	54.5
665021	2.2	4.5	5.8	11.0	3.1	26.6
665087	-10.3	18.2	13.9	13.3	8.5	43.6
665079	-2.7	16.5	17.3	7.0	6.5	44.6

INDIVIDUAL BODY WEIGHT GAINS (g) OF P MALE RATS

GROUP: III-0

DOSE: 10 MG/KG/DAY

DAYS ON TEST:	70-77	77-84	84-91	91-98	98-105	70-105
ANIMAL NUMBER						
665153	-14.4	29.8	17.6	1.4	4.4	38.8
665037	4.1	13.4	12.0	8.4	10.9	48.8
665163	-8.0	22.1	5.1	11.2	7.6	38.0
665001	-16.7	10.0	9.9	6.5	13.4	23.1
665126	-9.3	5.2	3.7	15.7	4.7	20.0
665125	-1.6	13.2	14.7	14.3	4.1	44.7
665017	-8.5	17.2	5.4	12.7	-2.7	24.1
665071	-13.6	23.1	1.3	14.9	4.4	30.1
665032	-8.8	10.0	15.5	11.3	12.3	40.3
664997	7.1	12.0	2.1	9.5	7.7	38.4
665110	-17.9	23.5	13.7	14.5	5.4	39.2
665041	-9.0	14.7	-1.9	13.3	6.4	23.5
665058	-12.7	22.8	17.9	21.2	8.1	57.3
665113	-20.4	28.7	20.0	5.3	15.7	49.3
665056	-4.4	20.9	4.9	14.8	12.4	48.6
665025	-34.3	40.8	5.3	14.0	2.0	27.8
665038	-7.8	28.3	13.5	4.4	11.9	50.3
665006	-25.8	43.5	5.9	23.6	2.7	49.9
665167	9.2	11.2	5.7	15.3	12.4	53.8
665020	-1.4	19.8	21.8	7.7	13.7	61.6

INDIVIDUAL BODY WEIGHT GAINS (g) OF P MALE RATS

GROUP: V-0

DOSE: 100 MG/KG/DAY

DAYS ON TEST:	70-77	77-84	84-91	91-98	98-105	70-105
ANIMAL NUMBER						
665116	-17.4	19.9	15.1	7.6	6.5	31.7
665034	6.4	4.5	7.9	9.5	7.2	35.5
665051	6.0	15.8	4.9	3.5	17.0	47.2
665083	-2.7	7.8	6.1	11.2	4.1	26.5
665124	38.2	19.9	8.8	11.2	12.1	90.2
665078	12.7	17.9	10.9	23.0	1.5	66.0
665036	-5.3	19.4	2.8	23.3	5.3	45.5
665085	-60.1	37.5	30.9	25.0	6.6	39.9
665092	-5.7	14.9	0.8	12.2	12.6	34.8
665004	-2.4	15.0	-5.8	17.8	-2.8	21.8
665140	-26.8	26.5	11.0	13.8	2.7	27.2
665114	-6.4	11.9	10.4	15.6	7.4	38.9
665139	-4.9	17.1	17.1	8.6	15.4	53.3
665111	16.4	8.3	-2.9	16.9	10.9	49.6
665055	-5.2	6.6	17.5	17.4	17.1	53.4
665066	-11.0	21.5	16.6	12.4	4.4	43.9
665039	-45.4	47.0	18.4	14.7	10.0	44.7
665003	7.2	11.9	-6.3	18.9	-1.9	29.8
665088	-4.2	4.1	7.5	10.5	9.8	27.7
665147	-16.0	7.5	17.9	10.4	15.2	35.0

INDIVIDUAL BODY WEIGHT GAINS (g) OF P MALE RATS

GROUP: VII-0

DOSE: 1000 MG/KG/DAY

DAYS ON TEST:	70-77	77-84	84-91	91-98	98-105	70-105
ANIMAL NUMBER						
665050	-4.6	3.2	-	-	-	-
665134	0.4	-2.0	9.4	11.8	10.7	30.3
665022	1.5	6.2	12.7	-1.8	8.3	26.9
665105	5.3	14.6	9.8	16.1	3.2	49.0
665102	1.3	10.4	8.1	-11.6	-3.7	4.5
665161	3.6	17.5	9.1	3.2	5.1	38.5
665133	7.8	8.0	5.5	11.6	10.9	43.8
665157	8.0	12.5	1.5	21.4	-8.8	34.6
665093	3.7	2.5	11.1	2.7	9.3	29.3
665059	-6.7	8.2	2.7	10.5	8.1	22.8
665123	-1.5	12.3	11.6	18.2	6.4	47.0
665018	12.3	12.3	13.2	10.4	4.5	52.7
665065	8.8	5.8	8.0	10.6	-18.7	14.5
665063	3.0	11.9	0.1	7.0	-2.9	19.1
665090	-3.7	9.8	17.3	15.7	-0.9	38.2
665057	-2.1	12.3	10.5	1.9	15.6	38.2
665011	-21.3	26.8	14.0	19.8	11.8	51.1
665109	-3.2	13.8	13.0	11.0	1.6	36.2
664998	-2.0	8.8	1.7	12.9	8.7	30.1
665077	-12.0	16.1	6.2	16.5	-1.9	24.9

APPENDIX U

INDIVIDUAL BODY WEIGHTS OF P₁ FEMALE RATS DURING GESTATION

INDIVIDUAL BODY WEIGHTS OF P₁ FEMALE RATS DURING GESTATION

EXPLANATORY NOTES

Abbreviations

NP = No litter delivered; data excluded from statistical analysis.
- = No Data

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING GESTATION

GROUP: II-0

DOSE: 0 MG/KG/DAY

GESTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665220	274.2	299.1	340.5	435.8	
665334	317.1	346.5	390.5	473.5	
665257	-	-	-	-	a
665175	271.1	296.8	330.0	413.4	
665336	300.4	315.6	346.1	427.3	
665192	320.0	345.3	382.6	477.9	
665232	296.9	306.1	378.1	464.9	
665307	335.8	375.0	407.9	516.3	
665246	302.2	337.2	381.1	464.5	
665289	310.5	346.1	371.2	392.8	NP
665264	308.1	343.3	371.2	434.3	
665185	332.8	375.1	402.2	496.1	
665206	295.6	326.5	355.5	447.9	
665306	265.8	304.7	359.8	419.0	
665226	292.0	325.2	350.8	455.0	
665198	282.3	317.3	336.3	439.4	
665249	333.4	357.8	379.1	466.6	
665284	283.1	314.3	343.8	426.2	
665240	284.5	313.1	343.1	420.1	
665203	254.3	276.2	308.2	376.2	

^a Evidence of copulation was not observed, but animal delivered a litter.

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING GESTATION

GROUP: IV-0

DOSE: 10 MG/KG/DAY

GESTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665212	284.6	309.8	344.0	412.7	
665180	282.5	327.0	365.0	451.3	
665292	370.5	391.5	416.7	460.4	
665187	292.8	321.7	348.2	429.8	
665205	328.5	343.9	396.8	466.5	
665263	-	-	-	-	a
665210	278.8	305.8	326.4	401.6	
665181	-	-	-	-	a
665248	332.6	354.5	389.9	500.0	
665293	272.7	314.5	362.6	456.1	
665329	322.2	325.8	388.7	466.1	
665290	348.4	377.7	418.6	488.6	
665253	341.2	378.5	414.8	476.1	
665286	294.5	346.7	381.3	463.3	
665281	237.2	279.1	323.5	394.8	
665186	254.1	284.6	335.4	403.8	
665330	300.3	345.3	389.5	457.8	
665294	281.3	309.6	358.7	464.2	
665244	259.7	281.7	305.2	364.8	
665258	287.1	317.9	359.8	438.6	

^a Evidence of copulation was not observed, but animal delivered a litter.

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING GESTATION

GROUP: VI-0

DOSE: 100 MG/KG/DAY

GESTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665338	229.3	257.0	288.6	387.7	
665219	269.2	299.0	317.0	357.9	
665267	310.0	349.4	391.4	451.1	
665325	256.6	288.9	325.5	405.4	
665331	326.6	350.4	373.8	457.3	
665217	306.3	334.2	364.9	434.6	
665227	327.6	366.7	394.5	475.7	
665262	333.2	354.4	403.8	411.0	
665247	345.3	389.4	429.2	503.6	
665243	324.2	351.5	383.9	455.8	
665312	283.1	318.6	348.4	430.8	
665298	324.5	323.4	334.1	341.9	NP
665207	310.9	347.8	387.4	448.4	
665273	291.6	314.6	348.9	414.1	
665274	276.0	290.7	329.6	415.7	
665272	294.5	323.3	374.2	436.3	
665195	292.4	335.1	372.9	430.0	
665314	318.4	365.7	417.5	512.0	
665316	290.5	314.0	338.8	427.9	
665173	310.5	342.4	378.0	478.8	

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING GESTATION

GROUP: VIII-0

DOSE: 1000 MG/KG/DAY

GESTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665296	-	-	-	-	a
665193	328.7	364.0	402.9	487.6	
665320	-	-	-	-	a
665315	262.9	296.7	328.3	406.1	
665318	321.2	359.7	400.7	503.9	
665279	348.2	372.0	420.9	524.5	
665224	349.1	371.1	376.7	381.5	NP
665254	316.2	345.4	384.8	479.6	
665245	290.0	311.1	341.2	421.3	
665322	271.0	301.1	325.5	394.4	
665214	301.3	328.5	356.0	438.2	
665321	252.8	281.4	306.9	385.2	
665171	296.6	332.9	367.3	429.4	
665265	358.6	388.1	423.5	517.8	
665169	275.6	298.0	326.6	414.3	
665191	298.9	321.7	363.6	405.0	
665231	275.3	298.4	331.5	413.8	
665255	320.8	350.2	388.3	500.0	
665213	301.4	333.2	376.2	451.5	
665280	-	-	-	-	a

^a Evidence of copulation was not observed, but animal delivered a litter.

APPENDIX V

INDIVIDUAL BODY WEIGHT GAINS OF P₁ FEMALE RATS DURING GESTATION

INDIVIDUAL BODY WEIGHT GAINS OF P₁ FEMALE RATS DURING GESTATION

EXPLANATORY NOTES

Abbreviations

NP = No litter delivered; data excluded from statistical analysis.
- = No Data

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING GESTATION

GROUP: II-0

DOSE: 0 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665220	24.9	41.4	95.3	161.6	a
665334	29.4	44.0	83.0	156.4	
665257	-	-	-	-	
665175	25.7	33.2	83.4	142.3	
665336	15.2	30.5	81.2	126.9	
665192	25.3	37.3	95.3	157.9	NP
665232	9.2	72.0	86.8	168.0	
665307	39.2	32.9	108.4	180.5	
665246	35.0	43.9	83.4	162.3	
665289	35.6	25.1	21.6	82.3	
665264	35.2	27.9	63.1	126.2	
665185	42.3	27.1	93.9	163.3	
665206	30.9	29.0	92.4	152.3	
665306	38.9	55.1	59.2	153.2	
665226	33.2	25.6	104.2	163.0	
665198	35.0	19.0	103.1	157.1	
665249	24.4	21.3	87.5	133.2	
665284	31.2	29.5	82.4	143.1	
665240	28.6	30.0	77.0	135.6	
665203	21.9	32.0	68.0	121.9	

^a Evidence of copulation was not observed, but animal delivered a litter.

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING GESTATION

GROUP: IV-0

DOSE: 10 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665212	25.2	34.2	68.7	128.1	
665180	44.5	38.0	86.3	168.8	
665292	21.0	25.2	43.7	89.9	
665187	28.9	26.5	81.6	137.0	
665205	15.4	52.9	69.7	138.0	
665263	-	-	-	-	a
665210	27.0	20.6	75.2	122.8	
665181	-	-	-	-	a
665248	21.9	35.4	110.1	167.4	
665293	41.8	48.1	93.5	183.4	
665329	3.6	62.9	77.4	143.9	
665290	29.3	40.9	70.0	140.2	
665253	37.3	36.3	61.3	134.9	
665286	52.2	34.6	82.0	168.8	
665281	41.9	44.4	71.3	157.6	
665186	30.5	50.8	68.4	149.7	
665330	45.0	44.2	68.3	157.5	
665294	28.3	49.1	105.5	182.9	
665244	22.0	23.5	59.6	105.1	
665258	30.8	41.9	78.8	151.5	

^a Evidence of copulation was not observed, but animal delivered a litter.

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING GESTATION

GROUP: VI-0

DOSE: 100 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665338	27.7	31.6	99.1	158.4	
665219	29.8	18.0	40.9	88.7	
665267	39.4	42.0	59.7	141.1	
665325	32.3	36.6	79.9	148.8	
665331	23.8	23.4	83.5	130.7	
665217	27.9	30.7	69.7	128.3	
665227	39.1	27.8	81.2	148.1	
665262	21.2	49.4	7.2	77.8	
665247	44.1	39.8	74.4	158.3	
665243	27.3	32.4	71.9	131.6	
665312	35.5	29.8	82.4	147.7	
665298	-1.1	10.7	7.8	17.4	NP
665207	36.9	39.6	61.0	137.5	
665273	23.0	34.3	65.2	122.5	
665274	14.7	38.9	86.1	139.7	
665272	28.8	50.9	62.1	141.8	
665195	42.7	37.8	57.1	137.6	
665314	47.3	51.8	94.5	193.6	
665316	23.5	24.8	89.1	137.4	
665173	31.9	35.6	100.8	168.3	

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING GESTATION

GROUP: VIII-0

DOSE: 1000 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665296	-	-	-	-	a
665193	35.3	38.9	84.7	158.9	
665320	-	-	-	-	a
665315	33.8	31.6	77.8	143.2	
665318	38.5	41.0	103.2	182.7	
665279	23.8	48.9	103.6	176.3	
665224	22.0	5.6	4.8	32.4	NP
665254	29.2	39.4	94.8	163.4	
665245	21.1	30.1	80.1	131.3	
665322	30.1	24.4	68.9	123.4	
665214	27.2	27.5	82.2	136.9	
665321	28.6	25.5	78.3	132.4	
665171	36.3	34.4	62.1	132.8	
665265	29.5	35.4	94.3	159.2	
665169	22.4	28.6	87.7	138.7	
665191	22.8	41.9	41.4	106.1	
665231	23.1	33.1	82.3	138.5	
665255	29.4	38.1	111.7	179.2	
665213	31.8	43.0	75.3	150.1	
665280	-	-	-	-	a

^a Evidence of copulation was not observed, but animal delivered a litter.

APPENDIX W

INDIVIDUAL BODY WEIGHTS OF P₁ FEMALE RATS DURING LACTATION

INDIVIDUAL BODY WEIGHTS OF P₁ FEMALE RATS DURING LACTATION

EXPLANATORY NOTES

Note

Test days for animal fates are determined from the initiation of test substance administration.

Abbreviations

FD	=	Found Dead
NP	=	Not pregnant
-	=	No Data

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING LACTATION

GROUP: II-0

DOSE: 0 MG/KG/DAY

LACTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665220	313.0	332.1	342.9	323.8	
665334	367.3	373.5	384.7	364.4	
665257	372.3	382.7	372.4	337.4	
665175	306.0	308.4	324.1	335.1	
665336	321.9	338.7	349.3	302.8	
665192	349.6	354.1	366.1	325.9	
665232	346.6	353.6	371.8	342.5	
665307	388.5	402.3	423.5	361.6	
665246	351.2	375.0	375.3	358.1	
665289	-	-	-	-	NP
665264	343.7	382.5	386.9	367.6	
665185	379.3	397.1	404.7	342.1	
665206	332.3	340.4	349.2	338.0	
665306	317.7	336.7	355.0	340.5	
665226	337.4	335.6	339.7	302.1	
665198	334.6	342.6	361.6	332.9	
665249	349.9	338.4	363.9	339.5	
665284	311.4	339.3	344.3	336.7	
665240	303.9	325.1	343.7	323.8	
665203	286.4	309.4	334.2	318.1	

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING LACTATION

GROUP: IV-0

DOSE: 10 MG/KG/DAY

LACTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665212	326.4	322.0	349.3	357.2	
665180	345.3	361.1	377.4	341.6	
665292	397.9	405.1	402.1	390.8	
665187	314.3	332.7	349.5	332.6	
665205	389.8	380.7	393.9	375.7	
665263	355.3	387.5	378.0	358.0	
665210	319.5	309.3	340.8	345.3	
665181	341.2	350.5	378.4	360.3	
665248	393.8	347.5	FD DAY 112		
665293	343.0	373.1	379.9	355.9	
665329	365.4	389.0	394.7	373.7	
665290	394.0	400.4	395.7	354.5	
665253	376.3	399.1	417.3	382.0	
665286	345.4	352.5	358.7	328.5	
665281	300.7	322.0	329.5	312.8	
665186	292.1	313.7	332.3	310.1	
665330	363.6	380.3	380.9	350.3	
665294	337.3	356.5	368.1	327.6	
665244	303.1	322.7	323.7	302.1	
665258	334.0	362.9	359.0	335.4	

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING LACTATION

GROUP: VI-0

DOSE: 100 MG/KG/DAY

LACTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665338	262.3	281.4	304.5	298.8	
665219	310.6	317.5	332.0	331.2	
665267	354.8	382.6	398.5	366.7	
665325	297.6	306.7	309.3	315.2	
665331	348.0	373.2	386.3	367.0	
665217	310.5	364.4	370.8	340.1	
665227	373.3	365.6	367.2	343.5	
665262	375.5	388.7	389.6	388.2	
665247	-a	403.4	405.8	369.5	
665243	356.0	378.9	366.6	352.9	
665312	338.8	339.0	364.5	352.4	
665298	-	-	-	-	NP
665207	339.1	367.6	388.9	360.6	
665273	335.2	346.0	347.5	346.7	
665274	305.2	343.7	346.7	319.9	
665272	352.7	365.8	368.8	347.1	
665195	337.7	360.0	386.4	378.8	
665314	383.8	399.4	393.4	356.1	
665316	317.1	333.4	350.4	326.5	
665173	351.4	364.3	377.2	355.1	

^a Data inadvertently not recorded.

INDIVIDUAL BODY WEIGHTS (g) OF P FEMALE RATS DURING LACTATION

GROUP: VIII-0

DOSE: 1000 MG/KG/DAY

LACTATION DAYS:	0	7	14	21	ANIMAL STATUS
ANIMAL NUMBER					
665296	273.1	317.8	322.2	315.0	
665193	366.1	397.1	401.3	386.3	
665320	287.2	314.4	317.5	320.9	
665315	308.4	326.1	346.5	303.4	
665318	371.4	387.2	410.3	370.1	
665279	383.7	380.3	396.9	368.3	
665224	-	-	-	-	NP
665254	354.3	376.3	385.3	355.1	
665245	328.0	350.5	345.2	329.1	
665322	304.1	330.4	342.4	331.7	
665214	336.6	350.3	369.4	312.4	
665321	283.9	298.9	325.8	312.1	
665171	357.5	378.1	380.1	363.3	
665265	386.5	405.8	418.0	409.0	
665169	304.5	330.2	340.6	323.9	
665191	280.4	336.0	344.7	345.7	
665231	323.2	307.3	371.7	341.0	
665255	368.6	387.6	393.8	370.4	
665213	338.5	370.5	383.1	369.2	
665280	368.3	389.8	387.8	368.7	

APPENDIX X

INDIVIDUAL BODY WEIGHT GAINS OF P₁ FEMALE RATS DURING LACTATION

INDIVIDUAL BODY WEIGHT GAINS OF P₁ FEMALE RATS DURING LACTATION

EXPLANATORY NOTES

Note

Test days for animal fates are determined from the initiation of test substance administration.

Abbreviations

FD	=	Found Dead
NP	=	Not pregnant
-	=	No Data

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING LACTATION

GROUP: II-0

DOSE: 0 MG/KG/DAY

LACTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665220	19.1	10.8	-19.1	10.8	
665334	6.2	11.2	-20.3	-2.9	
665257	10.4	-10.3	-35.0	-34.9	
665175	2.4	15.7	11.0	29.1	
665336	16.8	10.6	-46.5	-19.1	
665192	4.5	12.0	-40.2	-23.7	
665232	7.0	18.2	-29.3	-4.1	
665307	13.8	21.2	-61.9	-26.9	
665246	23.8	0.3	-17.2	6.9	
665289	-	-	-	-	NP
665264	38.8	4.4	-19.3	23.9	
665185	17.8	7.6	-62.6	-37.2	
665206	8.1	8.8	-11.2	5.7	
665306	19.0	18.3	-14.5	22.8	
665226	-1.8	4.1	-37.6	-35.3	
665198	8.0	19.0	-28.7	-1.7	
665249	-11.5	25.5	-24.4	-10.4	
665284	27.9	5.0	-7.6	25.3	
665240	21.2	18.6	-19.9	19.9	
665203	23.0	24.8	-16.1	31.7	

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING LACTATION

GROUP: IV-0

DOSE: 10 MG/KG/DAY

LACTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665212	-4.4	27.3	7.9	30.8	
665180	15.8	16.3	-35.8	-3.7	
665292	7.2	-3.0	-11.3	-7.1	
665187	18.4	16.8	-16.9	18.3	
665205	-9.1	13.2	-18.2	-14.1	
665263	32.2	-9.5	-20.0	2.7	
665210	-10.2	31.5	4.5	25.8	
665181	9.3	27.9	-18.1	19.1	
665248	-46.3	FD DAY 112			
665293	30.1	6.8	-24.0	12.9	
665329	23.6	5.7	-21.0	8.3	
665290	6.4	-4.7	-41.2	-39.5	
665253	22.8	18.2	-35.3	5.7	
665286	7.1	6.2	-30.2	-16.9	
665281	21.3	7.5	-16.7	12.1	
665186	21.6	18.6	-22.2	18.0	
665330	16.7	0.6	-30.6	-13.3	
665294	19.2	11.6	-40.5	-9.7	
665244	19.6	1.0	-21.6	-1.0	
665258	28.9	-3.9	-23.6	1.4	

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING LACTATION

GROUP: VI-0

DOSE: 100 MG/KG/DAY

LACTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665338	19.1	23.1	-5.7	36.5	
665219	6.9	14.5	-0.8	20.6	
665267	27.8	15.9	-31.8	11.9	
665325	9.1	2.6	5.9	17.6	
665331	25.2	13.1	-19.3	19.0	
665217	53.9	6.4	-30.7	29.6	
665227	-7.7	1.6	-23.7	-29.8	
665262	13.2	0.9	-1.4	12.7	
665247	-a	2.4	-36.3	-a	
665243	22.9	-12.3	-13.7	-3.1	
665312	0.2	25.5	-12.1	13.6	
665298	-	-	-	-	NP
665207	28.5	21.3	-28.3	21.5	
665273	10.8	1.5	-0.8	11.5	
665274	38.5	3.0	-26.8	14.7	
665272	13.1	3.0	-21.7	-5.6	
665195	22.3	26.4	-7.6	41.1	
665314	15.6	-6.0	-37.3	-27.7	
665316	16.3	17.0	-23.9	9.4	
665173	12.9	12.9	-22.1	3.7	

^a Data for interval could not be calculated; data inadvertently not recorded for lactation day 0.

INDIVIDUAL BODY WEIGHT GAINS (g) OF P FEMALE RATS DURING LACTATION

GROUP: VIII-0

DOSE: 1000 MG/KG/DAY

LACTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665296	44.7	4.4	-7.2	41.9	
665193	31.0	4.2	-15.0	20.2	
665320	27.2	3.1	3.4	33.7	
665315	17.7	20.4	-43.1	-5.0	
665318	15.8	23.1	-40.2	-1.3	
665279	-3.4	16.6	-28.6	-15.4	
665224	-	-	-	-	NP
665254	22.0	9.0	-30.2	0.8	
665245	22.5	-5.3	-16.1	1.1	
665322	26.3	12.0	-10.7	27.6	
665214	13.7	19.1	-57.0	-24.2	
665321	15.0	26.9	-13.7	28.2	
665171	20.6	2.0	-16.8	5.8	
665265	19.3	12.2	-9.0	22.5	
665169	25.7	10.4	-16.7	19.4	
665191	55.6	8.7	1.0	65.3	
665231	-15.9	64.4	-30.7	17.8	
665255	19.0	6.2	-23.4	1.8	
665213	32.0	12.6	-13.9	30.7	
665280	21.5	-2.0	-19.1	0.4	

APPENDIX Y

INDIVIDUAL FOOD CONSUMPTION OF P₁ FEMALE RATS DURING GESTATION

INDIVIDUAL FOOD CONSUMPTION OF P₁ FEMALE RATS DURING GESTATION

EXPLANATORY NOTES

Abbreviations

NP = Not Pregnant; excluded from statistical analyses.

- = No Data

INDIVIDUAL FOOD CONSUMPTION (g/day) BY P₁ FEMALE RATS DURING GESTATION

GROUP: II-0

DOSE: 0 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665220	20.3	23.7	23.1	22.4	
665334	24.0	28.8	28.4	27.1	
665257	-	-	-	-	a
665175	22.0	25.0	25.6	24.2	
665336	22.5	24.7	23.7	23.7	
665192	22.1	26.9	26.9	25.3	
665232	22.8	29.9	31.7	28.1	
665307	26.4	28.5	30.5	28.5	
665246	24.8	28.2	27.8	26.9	
665289	25.0	26.7	30.5	27.4	NP
665264	23.2	23.5	22.9	23.2	
665185	25.9	29.1	28.3	27.8	
665206	24.4	25.1	25.7	25.1	
665306	23.8	28.3	27.4	26.5	
665226	24.2	24.8	28.0	25.7	
665198	20.8	20.2	23.3	21.4	
665249	23.0	23.8	26.8	24.5	
665284	22.0	24.9	23.1	23.3	
665240	18.9	26.9	26.9	24.2	
665203	20.0	26.1	23.1	23.1	

^a Evidence of copulation was not observed, but animal delivered a litter.

INDIVIDUAL FOOD CONSUMPTION (g/day) BY P₁ FEMALE RATS DURING GESTATION

GROUP: IV-0

DOSE: 10 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665212	19.0	23.4	28.2	23.5	
665180	25.3	26.3	26.2	26.0	
665292	26.5	26.9	25.2	26.2	
665187	24.8	26.6	25.1	25.5	
665205	25.9	29.3	28.1	27.8	
665263	-	-	-	-	a
665210	21.5	21.9	22.3	21.9	
665181	-	-	-	-	a
665248	22.6	27.7	23.1	24.5	
665293	23.9	26.6	27.9	26.1	
665329	22.0	28.3	25.2	25.2	
665290	22.9	28.7	27.1	26.2	
665253	26.3	29.5	29.4	28.4	
665286	30.8	34.2	29.2	31.4	
665281	20.8	25.5	24.2	23.5	
665186	23.2	27.4	23.5	24.7	
665330	27.1	29.1	26.6	27.6	
665294	20.2	27.5	30.8	26.1	
665244	20.3	21.3	24.3	22.0	
665258	23.3	26.8	27.8	26.0	

^a Evidence of copulation was not observed, but animal delivered a litter.

INDIVIDUAL FOOD CONSUMPTION (g/day) BY P₁ FEMALE RATS DURING GESTATION

GROUP: VI-0

DOSE: 100 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665338	19.6	24.3	21.8	21.9	
665219	22.2	24.1	24.1	23.5	
665267	25.6	29.1	28.5	27.7	
665325	19.8	22.5	23.4	21.9	
665331	22.2	22.5	27.2	24.0	
665217	23.1	24.5	23.1	23.6	
665227	26.2	28.6	28.6	27.8	
665262	24.6	31.0	24.7	26.8	
665247	28.5	33.1	31.3	31.0	
665243	23.6	24.8	25.0	24.4	
665312	23.6	26.0	26.0	25.2	
665298	19.8	23.1	21.5	21.5	NP
665207	26.0	28.1	25.9	26.7	
665273	21.6	26.0	24.7	24.1	
665274	18.5	22.4	22.3	21.1	
665272	25.2	29.2	28.8	27.7	
665195	26.1	27.1	27.5	26.9	
665314	29.1	33.4	28.1	30.2	
665316	21.1	20.9	23.0	21.7	
665173	26.2	28.1	31.9	28.7	

INDIVIDUAL FOOD CONSUMPTION (g/day) BY P₁ FEMALE RATS DURING GESTATION

GROUP: VIII-0

DOSE: 1000 MG/KG/DAY

GESTATION DAYS:	0-7	7-14	14-21	0-21	ANIMAL STATUS
ANIMAL NUMBER					
665296	-	-	-	-	a
665193	27.2	29.6	27.4	28.1	
665320	-	-	-	-	a
665315	21.8	24.0	25.1	23.6	
665318	25.1	28.9	29.6	27.9	
665279	25.4	31.0	32.1	29.5	
665224	23.2	22.0	22.2	22.4	NP
665254	25.3	27.6	26.8	26.6	
665245	22.1	24.1	26.0	24.0	
665322	20.1	21.9	24.0	22.0	
665214	21.8	21.5	24.1	22.5	
665321	24.0	23.2	25.6	24.3	
665171	23.8	26.9	27.6	26.1	
665265	24.2	28.2	27.1	26.5	
665169	21.4	24.0	25.2	23.6	
665191	21.5	25.7	24.9	24.0	
665231	20.6	25.1	26.3	24.0	
665255	27.1	27.1	28.5	27.6	
665213	26.2	25.8	27.7	26.6	
665280	-	-	-	-	a

^a Evidence of copulation was not observed; therefore, no gestation data were collected.

APPENDIX Z

INDIVIDUAL ANIMAL SPERM MOTILITY DATA IN P₁ MALE RATS

INDIVIDUAL ANIMAL SPERM MOTILITY DATA IN P₁ MALE RATS

GROUP I-0 0 mg/kg/day		GROUP III-0 10 mg/kg/day	
Animal Number	Percent Motile	Animal Number	Percent Motile
665144	69	665153	86
665104	92	665037	98
665044	98	665163	97
665141	95	665001	96
665135	94	665126	81
665005	94	665125	79
665075	68	665017	98
665091	88	665071	74
665040	77	665032	89
665069	85	665997	94
GROUP V-0 100 mg/kg/day		GROUP VII-0 1000 mg/kg/day	
Animal Number	Percent Motile	Animal Number	Percent Motile
665116	94	665134	94
665034	94	665022	89
665051	96	665105	96
665083	96	665102	84
665124	97	665161	82
665078	74	665133	93
665036	77	665157	92
665085	91	665093	95
665092	92	665059	87
665004	97	665123	84

APPENDIX AA

INDIVIDUAL ANIMAL SPERM MORPHOLOGY DATA IN P₁ MALE RATS

INDIVIDUAL ANIMAL SPERM MORPHOLOGY DATA IN P₁ MALE RATS

Group I-0: 0 mg/kg/day

Animal Number	Total Normal	Tail Abnormal	Head Abnormal	Tail & Head Abnormal	Percent Normal
665144	199	0	0	1	99.5
665104	199	0	1	0	99.5
665044	200	0	0	0	100.0
665141	200	0	0	0	100.0
665135	199	0	1	0	99.5
665005	197	0	3	0	98.5
665075	196	0	4	0	98.0
665091	200	0	0	0	100.0
665040	200	0	0	0	100.0
665069	198	0	2	0	99.0

GROUP III-0: 10 mg/kg/day

Animal Number	Total Normal	Tail Abnormal	Head Abnormal	Tail & Head Abnormal	Percent Normal
665153	194	0	6	0	97.0
665037	193	0	7	0	96.5
665163	200	0	0	0	100.0
665001	198	0	2	0	99.0
665126	200	0	0	0	100.0
665125	200	0	0	0	100.0
665017	200	0	0	0	100.0
665071	199	0	1	0	99.5
665032	199	0	1	0	99.5
665997	200	0	0	0	100.0

INDIVIDUAL ANIMAL SPERM MORPHOLOGY DATA IN P₁ MALE RATS

Group V-0: 100 mg/kg/day

Animal Number	Total Normal	Tail Abnormal	Head Abnormal	Tail & Head Abnormal	Percent Normal
665116	199	0	1	0	99.5
665034	198	0	2	0	99.0
665051	197	1	3	0	98.0
665083	199	0	1	0	99.5
665124	200	0	0	0	100.0
665078	198	0	2	0	99.0
665036	199	0	1	0	99.5
665085	195	0	5	0	97.5
665092	200	0	0	0	100.0
665004	198	0	2	0	99.0

GROUP VII-0: 1000 mg/kg/day

Animal Number	Total Normal	Tail Abnormal	Head Abnormal	Tail & Head Abnormal	Percent Normal
665134	196	0	4	0	98.0
665022	199	0	1	0	99.5
665105	200	0	0	0	100.0
665102	195	0	5	0	97.5
665161	199	0	1	0	99.5
665133	198	0	2	0	99.0
665157	196	1	2	1	98.0
665093	197	0	3	0	98.5
665059	200	0	0	0	100.0
665123	200	0	0	0	100.0