| | |
|---|---|
| **C Number:** | C54375C |
| **Lock Date:** | 11/25/1992 |
| **Cage Range:** | All |
| **Date Range:** | All |
| **Reasons For Removal:** | All |
| **Removal Date Range:** | All |
| **Treatment Groups:** | All |
| **Study Gender:** | Both |
| **PWG Approval Date** | 04/06/1995 |

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 631 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 549 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59109 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Forestomach | Stomach, Glandular |
| Trachea | Urinary Bladder | | |

**MISSING**

Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | Bile Duct | Hyperplasia | Minimal |
| Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Moderate |
| Preputial Gland | | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Mild |
| Note: NEOPLASM CONSIDERED CARCINOMA IN SITU (MORPHOLOGY NOT AVAILABLE ON TDMS). | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| Thyroid Gland | C Cell | Adenoma | |
| Tongue | | Squamous Cell Carcinoma | |
| [ Squamous Cell Carcinoma TGLS = 9-21 ] | | | |

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 632 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59577 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Epididymis | | Atypia Cellular | |
| * Heart | | Inflammation | Chronic, Minimal |
| * Intestine Large, Cecum | | Parasite Metazoan | |
| * Liver | | Basophilic Focus | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 2-21 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 633 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59578 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Degeneration | Fatty, Minimal |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Inflammation | Subacute, Mild |
| | | Leukemia Mononuclear | |
| [ Inflammation TGLS = 4-6 ] | | | |
| * Pancreas | | Atrophy | Marked |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 634 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 681 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59579 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Myelofibrosis | Moderate |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Thrombosis | |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Marked |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| Mammary Gland | | Hyperplasia | Mild |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 6-1 ] | | | |
| Preputial Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 4-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 634 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 681 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59579 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 3-7 ]

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 635 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Accidentally Killed | **HISTO:** 91-59580 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

* Lymph Node, Mandibular

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Mild |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Seminal Vesicle | | Dilatation | Moderate |
| Note: MODERATE DILATATION OF SEMINAL VESICLE (TGL 2); MORPHOLOGY NOT AVAILABLE ON TDMS. | | | |
| [ Dilatation TGLS = 2-7 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 636 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59581 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Epididymis | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 637 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59220 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 10-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6,4-22 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| [ Pigmentation TGLS = 9-3-1 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 637 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59220 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Moderate |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 2-23,2-23-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6,3-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 8-7 ] | | | |
| * Thyroid Gland | Follicle | Cyst | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 638 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59582 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Pheochromocytoma Benign | |
| * Bone Marrow | | Myelofibrosis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Pigmentation | Mild |
| [ Hemorrhage TGLS = 1-8-2 ] | | | |
| [ Pigmentation TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Mild |
| [ Acanthosis TGLS = 3-21 ] | | | |
| [ Hyperkeratosis TGLS = 3-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 638 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59582 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Testes<br>[ Adenoma TGLS = 2-7 ] | Bilateral, Interstit Cell | Adenoma |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 639 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59583 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Epididymis | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Parathyroid Gland | * Preputial Gland | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Brain | | Compression | Marked |
| | | Hydrocephalus | Mild |
| [ Compression TGLS = 3-1-1 ] | | | |
| * Kidney | | Calculus Micro Observation Only | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Note: THE CALCULUS IS IN THE RENAL PELVIS. | | | |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Moderate |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 2-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Moderate |
| * Skin | | Acanthosis | Mild |
| | | Hyperkeratosis | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 639 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59583 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Testes | Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thyroid Gland | Follicle | Cyst | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 640 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 709 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59584 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Mammary Gland |
| Nose | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Stomach, Forestomach | Thymus |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| Adrenal Medulla | | Hyperplasia | Moderate |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| [ Nephropathy TGLS = 8-22 ] | | | |
| Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-3-1 ] | | | |
| [ Pigmentation TGLS = 10-3-1 ] | | | |
| Lymph Node, Mandibular | | Ectasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 640 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 709 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59584 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| [ Ectasia TGLS = 3-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Pancreas | | Atrophy | Moderate |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Skin | | Ulcer | Marked |
| [ Ulcer TGLS = 1-21 ] | | | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| Stomach, Glandular | | Erosion | Minimal |
| | | Leukemia Mononuclear | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| Thyroid Gland | C Cell | Adenoma | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 641 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 655 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59585 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Epididymis |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Salivary Glands | Seminal Vesicle | Skin |
| Stomach, Forestomach | Stomach, Glandular | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| | | Leukemia Mononuclear | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Moderate |
| | Renal Tubule | Pigmentation | Minimal |
| [ Necrosis TGLS = 12-5 ] | | | |
| Liver | Bile Duct | Hyperplasia | Marked |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 641 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 655 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59585 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Intermed | Cyst | |
| | | Leukemia Mononuclear | |
| Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Mild |
| Prostate | | Corpora Amylacea | Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6,7-23 ] | | | |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 5-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| Thyroid Gland | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 642 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59586 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 4-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Chronic, Mild |
| [ Ectasia TGLS = 2-8-1 ] | | | |
| * Prostate | Epithelium | Hyperplasia | Minimal |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 643 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59587 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Hemorrhage | Minimal |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Moderate |
| * Pancreas | | Atrophy | Minimal |
| | Acinus | Cytoplasmic Alteration | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Suppurative, Minimal |
| [ Hyperplasia TGLS = 3-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 643 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59587 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 644 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 645 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59110 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Nose | Parathyroid Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-6 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Moderate |
| | | Leukemia Mononuclear | |
| [ Infiltration Cellular TGLS = 9-2,9-2-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-2,9-2-1 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-3-1 ] | | | |
| Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 644 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 645 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59110 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| [ Pigmentation TGLS = 2-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-5 ] | | | |
| Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Pancreas | | Atrophy | Mild |
| Pituitary Gland | | Leukemia Mononuclear | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Inflammation | Suppurative, Minimal |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,5-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7,3-7-3 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 645 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 696 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59588 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Blood Vessel | Bone | Brain |
| Esophagus | Heart | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Nose | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Seminal Vesicle | Skin |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Medulla | | Pheochromocytoma Benign | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| Note: MODERATE EDEMA IN EPIDIDYMIS; MORPHOLOGY NOT AVAILABLE ON TDMS. | | | |
| Intestine Large, Cecum | | Edema | Moderate |
| | | Ulcer | Moderate |
| Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Lung | | Edema | Moderate |
| | | Inflammation | Subacute, Moderate |
| | | Leukemia Mononuclear | |
| [ Edema TGLS = 5-2 ] | | | |
| [ Inflammation TGLS = 5-2 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 6-3-1 ] | | | |
| [ Pigmentation TGLS = 6-3-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 645 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 696 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59588 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Mammary Gland | | Hyperplasia | Minimal |
| Pancreas | | Atrophy | Mild |
| Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| Prostate | | Corpora Amylacea | Moderate |
| | | Inflammation | Suppurative, Moderate |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| Stomach, Forestomach | | Edema | Mild |
| | Mucosa | Hyperplasia | Minimal |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 8-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 646 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 432 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 90-55131 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Epididymis | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lung | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Parathyroid Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**MISSING**

Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Hypercellularity | Moderate |
| Heart | | Cardiomyopathy | Minimal |
| Kidney | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | Kupffer Cell | Hyperplasia | Mild |
| Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Pancreas | | Atrophy | Mild |
| Preputial Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8-1 ] | | | |
| Prostate | | Inflammation | Suppurative, Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | Lymph Follic | Hyperplasia | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| Testes | Interstit Cell | Hyperplasia | Mild |
| Zymbal's Gland | | Carcinoma | |
| [ Carcinoma TGLS = 3-21 ] | | | |

PRIMARY CAUSE OF DEATH - Zymbal's Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 647 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59589 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 5-23 ] | | | |
| * Bone Marrow | | Myelofibrosis | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Inflammation | Subacute, Minimal |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 1-21 ] | | | |
| * Spleen | | Developmental Malformation | |
| [ Developmental Malformation TGLS = 4-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 647 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59589 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 648 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 600 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59111 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Rectum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lung | Lymph Node, Mandibular |
| Mammary Gland | Nose | Parathyroid Gland | Pituitary Gland |
| Preputial Gland | Salivary Glands | Skin | Stomach, Glandular |
| Thymus | Trachea | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Degeneration | Fatty, Minimal |
| Bone Marrow | | Hypercellularity | Moderate |
| Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Marked |
| | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 3-7-1 ] | | | |
| Intestine Large, Colon | | Parasite Metazoan | |
| Intestine Small, Duodenum | | Mesothelioma Malignant | |
| Intestine Small, Ileum | | Mesothelioma Malignant | |
| Kidney | Renal Tubule | Pigmentation | Moderate |
| Liver | | Basophilic Focus | |
| | | Hematopoietic Cell Proliferation | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| Lymph Node | Mediastinal | Pigmentation | Marked |
| [ Pigmentation TGLS = 9-3-1 ] | | | |
| Lymph Node, Mesenteric | | Ectasia | Moderate |
| | | Hemorrhage | Minimal |
| | | Hyperplasia | Lymphoid, Moderate |
| [ Ectasia TGLS = 7-5 ] | | | |
| [ Hyperplasia TGLS = 7-5 ] | | | |
| Pancreas | | Mesothelioma Malignant | |
| Peritoneum | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 4-21,5-22,8-23 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 648 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 600 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59111 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Prostate | | Corpora Amylacea | Moderate |
| | | Inflammation | Suppurative, Mild |
| Seminal Vesicle | | Mesothelioma Malignant | |
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Mesothelioma Malignant | |
| Stomach, Forestomach | | Mesothelioma Malignant | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| | | Mesothelioma Malignant | |
| [ Adenoma TGLS = 2-7 ] | | | |
| Thyroid Gland | Follicle | Cyst | Moderate |
| Urinary Bladder | | Mesothelioma Malignant | |
| PRIMARY CAUSE OF DEATH | - Peritoneum Mesothelioma Malignant | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 649 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59590 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hypertrophy | Focal, Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 650 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 682 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59591 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lymph Node, Mandibular | Nose | Parathyroid Gland | Preputial Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Forestomach |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**MISSING**

Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Cardiomyopathy | Moderate |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Liver | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 5-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-5 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | | Leukemia Mononuclear | |
| Prostate | | Inflammation | Suppurative, Mild |
| Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 650 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 682 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59591 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Stomach, Glandular | | Ulcer | Mild |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 651 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59592 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lymph Node, Mesenteric | * Mammary Gland |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Nose | | Exudate | |
| | | Fungus | Mild |
| | Mucosa | Hyperplasia | Moderate |
| | Mucosa | Metaplasia | Squamous, Moderate |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Suppurative, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 652 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59593 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | * Preputial Gland | * Salivary Glands | * Seminal Vesicle |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| * Nose | | Exudate | |
| | | Fungus | Mild |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Skin | Subcut Tiss | Melanoma Malignant | |
| [ Melanoma Malignant TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 652 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59593 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 653 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59594 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| Mesentery | | Accessory Spleen | |
| | Fat | Necrosis | Moderate |
| [ Accessory Spleen TGLS = 2-21 ] | | | |
| [ Necrosis TGLS = 4-22 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 654 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59221 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Epididymis | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 7-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Mild |
| | Renal | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 2-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-22 ] | | | |
| [ Pigmentation TGLS = 6-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 654 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59221 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 655 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59595 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| Mesentery | Fat | Necrosis | Mild |
| [ Necrosis TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 656 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 583 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59112 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Mammary Gland |
| Nose | Parathyroid Gland | Salivary Glands | Skin |
| Thyroid Gland | Trachea | Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 10-10 ] | | | |
| Adrenal Medulla | | Hyperplasia | Minimal |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Marked |
| Heart | | Cardiomyopathy | Moderate |
| Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 11-5 ] | | | |
| Liver | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Marked |
| Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 16-2 ] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 15-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 17-26 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 656 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 583 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59112 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 14-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-7-3 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-24 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | | |
| Pancreas | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Distalis | Cyst | |
| Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 7-8-1 ] | | | |
| [ Inflammation TGLS = 7-8-1 ] | | | |
| Prostate | | Corpora Amylacea | Mild |
| | | Leukemia Mononuclear | |
| Seminal Vesicle | | Leukemia Mononuclear | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| Stomach, Forestomach | | Leukemia Mononuclear | |
| Stomach, Glandular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 18-27 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 5-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 657 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59222 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Mammary Gland | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,2-22 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Nose | | Exudate | |
| | | Fungus | Moderate |
| | Mucosa | Metaplasia | Squamous, Moderate |
| * Pancreas | | Atrophy | Moderate |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Moderate |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 657 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59222 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Leukemia Mononuclear TGLS = 1-6,1-21 ] | | |
| * Testes | Bilateral, Interstit Cell | Adenoma |
| [ Adenoma TGLS = 3-7 ] | | |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 658 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59596 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 6-1-1 ] | | | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | | Adenoma | |
| | | Hyperplasia | Mild |
| [ Adenoma TGLS = 4-21 ] | | | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Mild |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 658 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59596 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| [ Adenoma TGLS = 2-7 ] | |
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 659 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 507 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Dead | **HISTO:** 91-59113 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Esophagus | Intestine Large, Rectum | Intestine Small, Duodenum |
| Islets, Pancreatic | Liver | Lung | Lymph Node, Mandibular |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Parathyroid Gland |
| Salivary Glands | Seminal Vesicle | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| **MISSING** | | | |
| Pituitary Gland | | | |
| **INSUFFICIENT TISSUE** | | | |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Small, Ileum | Intestine Small, Jejunum |
| Skin | | | |
| **OBSERVATIONS** | | | |
| Bone Marrow | | Myelofibrosis | Mild |
| Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| Heart | | Cardiomyopathy | Mild |
| Kidney | Renal Tubule | Pigmentation | Minimal |
| Pancreas | | Atrophy | Minimal |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Inflammation | Suppurative, Moderate |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| Testes | Seminif Tub | Atrophy | Minimal |
| | Interstit Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - UNCERTAIN | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 660 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59597 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 661 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59598 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Developmental Malformation | |
| [ Developmental Malformation TGLS = 4-22 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Moderate |
| * Skin | | Hemorrhage | Moderate |
| [ Hemorrhage TGLS = 1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 662 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59599 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Bone Marrow | Brain |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Parathyroid Gland | Peripheral Nerve | Pituitary Gland | Preputial Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spinal Cord | Thymus | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Mild |
| | | Thrombosis | Minimal |
| Adrenal Medulla | | Hyperplasia | Minimal |
| Epididymis | | Atypia Cellular | Mild |
| | | Hypospermia | Marked |
| Heart | | Cardiomyopathy | Moderate |
| Islets, Pancreatic | | Adenoma | |
| Kidney | Renal Tubule | Dilatation | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | Bile Duct | Hyperplasia | Minimal |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 3-21 ] | | | |
| Oral Mucosa | | Squamous Cell Carcinoma | |
| [ Squamous Cell Carcinoma TGLS = 5-9-1 ] | | | |
| Pancreas | | Atrophy | Mild |
| Spleen | | Fibrosis | Minimal |
| [ Fibrosis TGLS = 4-6 ] | | | |
| Stomach, Forestomach | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 6-22 ] | | | |
| Stomach, Glandular | | Erosion | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 662 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59599 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Marked |
| [ Adenoma TGLS = 2-7 ] | | | |
| [ Atrophy TGLS = 1-7 ] | | | |
| Thyroid Gland | C Cell | Adenoma | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Oral Mucosa Squamous Cell Carcinoma |
| CONTRIBUTORY CAUSE OF DEATH | - Islets;Pancreatic Adenoma;Stomach;Forestomach Squamous Cell Papilloma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 663 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59600 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Moderate |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 664 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 467 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 90-55443 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Bone Marrow | Brain |
| Epididymis | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mandibular | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Parathyroid Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Mild |
| | | Hematopoietic Cell Proliferation | Mild |
| [ Angiectasis TGLS = 4-10,4-22 ] | | | |
| Adrenal Medulla | | Pheochromocytoma Benign | |
| [ Pheochromocytoma Benign TGLS = 5-22 ] | | | |
| Kidney | Renal Tubule | Dilatation | Mild |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Hematopoietic Cell Proliferation | Mild |
| Lung | | Sarcoma | Metastatic (Mesentery) |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Mediastinal | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 7-3-1 ] | | | |
| [ Pigmentation TGLS = 7-3-1 ] | | | |
| Mesentery | | Sarcoma | |
| [ Sarcoma TGLS = 2-21 ] | | | |
| Pancreas | | Atrophy | Minimal |
| | | Sarcoma | Metastatic (Mesentery) |
| Pituitary Gland | Pars Distalis | Cyst | |
| Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Minimal |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 664 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 467 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 90-55443 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Hemosiderin, Minimal |
| [ Hematopoietic Cell Proliferation TGLS = 3-6 ] | | | |
| Testes | Interstit Cell | Hyperplasia | Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Mesentery Sarcoma |
| CONTRIBUTORY CAUSE OF DEATH | - Adrenal Medulla Pheochromocytoma Benign |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 665 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59601 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Hypertrophy | Focal, Minimal |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | |
| * Lymph Node, Mesenteric | | Hemorrhage | Minimal |
| [ Hemorrhage TGLS = 3-5 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| * Prostate | | Corpora Amylacea | Moderate |
| * Stomach, Forestomach | | Leiomyosarcoma | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 5-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 666 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59602 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 2-21 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Fibrosis | Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 667 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59603 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Kidney | Transit Epithe | Hyperplasia | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 2-21 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Preputial Gland | | Inflammation | Suppurative, Marked |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 668 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59604 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Nose | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**INSUFFICIENT TISSUE**

* Lymph Node, Mandibular

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lymph Node, Mesenteric | | Ectasia | Marked |
| * Mammary Gland | | Hyperplasia | Moderate |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Prostate | | Corpora Amylacea | Moderate |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Marked |
| [ Adenoma TGLS = 2-7,3-7 ] | | | |
| [ Atrophy TGLS = 1-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 668 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59604 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 669 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59605 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| [ Hepatodiaphragmatic Nodule TGLS = 3-22 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 4-2-1 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Preputial Gland | | Adenoma | |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 670 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59606 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 5-2-1 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Moderate |
| [ Pigmentation TGLS = 2-8 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Moderate |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 671 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59607 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

* Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| [ Angiectasis TGLS = 3-10 ] | | | |
| * Epididymis | | Atypia Cellular | Marked |
| | | Hypospermia | Marked |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 672 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59608 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 2-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 673 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 645 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59114 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Epididymis | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Mammary Gland | Pancreas |
| Parathyroid Gland | Salivary Glands | Seminal Vesicle | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**MISSING**

Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Bone Marrow | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Hepatocellular Adenoma | |
| | | Leukemia Mononuclear | |
| [ Hepatocellular Adenoma TGLS = 9-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| Lymph Node, Mandibular | | Ectasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 673 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 645 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59114 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Nose | | Exudate | |
| | Mucosa | Hyperplasia | Mild |
| Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| Prostate | | Inflammation | Suppurative, Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6,6-21 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Hepatocellular Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 674 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59609 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 675 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59610 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | |

**MISSING**

| | |
|---|---|
| * Prostate | * Thymus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hypertrophy | Focal, Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| Mesentery | | | |
| Note: MALIGNANT MESOTHELIOMA IS ALSO PRESENT ON SLIDE 7 | | | |
| * Pancreas | | Atrophy | Minimal |
| Peritoneum | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 1-21 ] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| [ Hyperplasia TGLS = 3-1 ] | | | |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Chronic, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| | | Mesothelioma Malignant | |
| [ Adenoma TGLS = 2-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 675 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59610 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Urinary Bladder | | Mesothelioma Malignant |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 676 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59223 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Angiectasis | Minimal |
| | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 4-6 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 3-7-3 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| [ Pigmentation TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 676 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59223 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-5 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 1-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-6,2-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 6-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 677 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59611 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Epididymis | | Hypospermia | |
| * Islets, Pancreatic | | Carcinoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Developmental Malformation | |
| | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| [ Developmental Malformation TGLS = 2-21 ] | | | |
| [ Hepatodiaphragmatic Nodule TGLS = 3-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 678 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59612 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Blood Vessel | Brain | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Parathyroid Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Glandular | Trachea |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Medulla | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | Pheochromocytoma Malignant | |
| [ Pheochromocytoma Malignant TGLS = 7-21 ] | | | |
| Bone | Cranium | Osteopetrosis | Marked |
| | Femur | Osteopetrosis | Marked |
| [ Osteopetrosis TGLS = 8-22 ] | | | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Intestine Large, Rectum | | Parasite Metazoan | |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | Bile Duct | Hyperplasia | Marked |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 5-6,6-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Pancreas | | Atrophy | Minimal |
| | Acinus | Cytoplasmic Alteration | Mild |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| | | Leukemia Mononuclear | |
| Preputial Gland | | Inflammation | Chronic, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 678 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59612 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Prostate | | Corpora Amylacea | Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6,4-6 ] | | | |
| Stomach, Forestomach | | Leukemia Mononuclear | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| Thyroid Gland | C Cell | Adenoma | |
| Urinary Bladder | Transit Epithe | Hyperplasia | Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Adrenal Medulla Pheochromocytoma Malignant |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 679 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59224 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | Lobules | Necrosis | Marked |
| Note: MARKED HEMORRHAGE AND FIBROSIS ASSOC. WITH LESION ON SLIDE 22; NOT CODED. | | | |
| [ Necrosis TGLS = 3-22 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Marked |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Moderate |
| * Spleen | | Fibrosis | Moderate |
| | | Hematopoietic Cell Proliferation | Minimal |
| | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| [ Fibrosis TGLS = 2-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 680 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59613 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**INSUFFICIENT TISSUE**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Preputial Gland | | Ectasia | Marked |
| | | Inflammation | Chronic, Marked |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| * Prostate | | Inflammation | Suppurative, Moderate |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 680 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59613 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 681 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 893 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60919 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Brain | | Astrocytoma Malignant | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Colon | | Edema | Mild |
| | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Nose | | Exudate | Moderate |
| | | Foreign Body | Mild |
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Mild |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Marked |
| [ Cyst TGLS = 5-1 ] | | | |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Skin | Subcut Tiss | Fibroma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 681 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 893 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60919 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Fibroma TGLS = 1-21 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Glandular | | Edema | Mild |
| * Testes | Seminif Tub | Atrophy | Marked |
| | Interstit Cell | Hyperplasia | Moderate |
| [ Atrophy TGLS = 2-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Brain Astrocytoma Malignant |
| CONTRIBUTORY CAUSE OF DEATH | - Skin Subcut Tiss Fibroma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 682 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60920 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Mammary Gland | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Adrenal Medulla | | Pheochromocytoma Benign | Multiple |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| | | Thrombosis | Moderate |
| [ Thrombosis TGLS = 5-5 ] | | | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Cyst | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | Minimal |
| | | Hepatocellular Carcinoma | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Hepatocellular Carcinoma TGLS = 4-22 ] | | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | | Infiltration Cellular | Histiocyte, Minimal |
| [ Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| * Nose | | Foreign Body | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 682 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60920 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Spleen | | Leukemia Mononuclear | |
| | | Metaplasia | Lipocyte, Moderate |
| [ Metaplasia TGLS = 3-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7,2-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 683 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 617 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59115 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Epididymis | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| Lymph Node | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-5 ] | | | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 5-21 ] | | | |
| * Nose | | Exudate | |
| | | Foreign Body | Mild |
| | | Fungus | Moderate |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pancreas | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 683 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 617 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59115 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 9-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 684 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 768 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59837 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Thymus |
| Tooth | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Epididymis | | Hypospermia | |
| Eye | | Hemorrhage | Moderate |
| | | Inflammation | Chronic, Moderate |
| [ Inflammation TGLS = 1-21 ] | | | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Angiectasis | Mild |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Hyperplasia | Lymphoid, Marked |
| [ Ectasia TGLS = 6-8 ] | | | |
| [ Hyperplasia TGLS = 6-8 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Moderate |
| [ Fibroadenoma TGLS = 3-22 ] | | | |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| Mesentery | Fat | Necrosis | Marked |
| [ Necrosis TGLS = 9-24 ] | | | |
| * Nose | | Exudate | |
| | | Foreign Body | Moderate |
| Oral Mucosa | | Squamous Cell Carcinoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 684 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 768 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59837 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Squamous Cell Carcinoma TGLS = 14-27 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 13-1 ] | | | |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Moderate |
| [ Ectasia TGLS = 5-8-1 ] | | | |
| [ Inflammation TGLS = 5-8-1 ] | | | |
| * Prostate | Epithelium | Hyperplasia | Minimal |
| * Skin | | Keratoacanthoma | |
| | | Ulcer | Marked |
| [ Keratoacanthoma TGLS = 4-23 ] | | | |
| [ Ulcer TGLS = 12-26 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Glandular | | Erosion | Minimal |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Moderate |
| | Interstit Cell | Hyperplasia | Minimal |
| [ Adenoma TGLS = 8-7 ] | | | |
| [ Atrophy TGLS = 7-7 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |
| Tongue | | Inflammation | Suppurative, Moderate |
| [ Inflammation TGLS = 11-25 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Oral Mucosa Squamous Cell Carcinoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma;Skin Keratoacanthoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 685 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 701 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59614 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Islets, Pancreatic |
| * Liver | * Lung | * Lymph Node, Mandibular | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Glandular |
| * Trachea | * Urinary Bladder | | |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Small, Jejunum | | Carcinoma | |
| Note: CARCINOMA CONTAINS AREAS OF OSSEOUS METAPLASIA | | | |
| [ Carcinoma TGLS = 5-21 ] | | | |
| * Kidney | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Mild |
| [ Hyperplasia TGLS = 6-5 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Prostate | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 9-4-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 685 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 701 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59614 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Thyroid Gland | C Cell | Adenoma |
| PRIMARY CAUSE OF DEATH | - Intestine Small, Jejunum | Carcinoma |

Animal Note: MODERATE DILATATION PRESENT IN JEJUNUM AND DUODENUM (TGL'S 3 AND 4); MORPHOLOGY NOT AVAILABLE ON TDMS.
Animal Note: NO TISSUE SECTION FOUND FOR TGL 8 (PHARYNX).

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 686 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 619 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59116 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Brain | * Epididymis | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Nose | * Pancreas | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Small, Ileum | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| Note: EXTENSIVE CONGESTION AND HEMORRHAGE ASSOC. WITH LEUKEMIA; NOT CODED | | | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-2 ] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 686 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 619 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59116 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 10-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-26 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-23 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| Note: MAMMARY GLAND HYPERPLASIA IS ON SLIDE 21. | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Prostate | | Inflammation | Suppurative, Moderate |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,5-6 ] | | | |
| * Testes | Interstit Cell | Hyperplasia | Mild |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 687 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 740 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59615 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Epididymis |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | Bilateral | Pheochromocytoma Benign | |
| [ Pheochromocytoma Benign TGLS = 7-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 6-5 ] | | | |
| [ Pigmentation TGLS = 6-5 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6,4-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-21 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | | |
| * Pancreas | | Atrophy | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 687 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 740 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59615 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Atrophy TGLS = 8-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Preputial Gland | | Ectasia | Marked |
| | | Inflammation | Chronic, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| * Prostate | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 5-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 688 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 710 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59616 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Mammary Gland |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| Note: HEMORRHAGE AND NECROSIS ASSOC. WITH LEUKEMIA MONUC IN BRAIN | | | |
| [ Leukemia Mononuclear TGLS = 13-1 ] | | | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Hepatocellular Adenoma | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Hepatocellular Adenoma TGLS = 8-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-6 ] | | | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 688 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 710 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59616 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 6-7-3 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Mild |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pancreas | | Leukemia Mononuclear | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Seminal Vesicle | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,5-21 ] | | | |
| * Stomach, Glandular | | Ulcer | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Adenoma | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Hepatocellular Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 689 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 777 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59838 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Hemorrhage | Mild |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 11-2-1 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| | Renal | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-23 ] | | | |
| [ Pigmentation TGLS = 4-7 ] | | | |
| [ Pigmentation TGLS = 9-23 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 689 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 777 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59838 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 10-5 ] | | | |
| Mesentery | | Leukemia Mononuclear | |
| | Fat | Necrosis | Moderate |
| [ Leukemia Mononuclear TGLS = 3-21 ] | | | |
| [ Necrosis TGLS = 3-21 ] | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| * Spleen | | Fibrosis | Marked |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 7-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6,6-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 690 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60811 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| | | Thrombosis | Marked |
| [ Thrombosis TGLS = 6-5-1 ] | | | |
| * Intestine Large, Cecum | | Edema | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mesentery | Fat | Necrosis | Mild |
| [ Necrosis TGLS = 5-23 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Minimal |
| [ Ectasia TGLS = 3-8-1 ] | | | |
| [ Inflammation TGLS = 3-8-1 ] | | | |
| * Skin | | Trichoepithelioma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 690 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60811 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Trichoepithelioma TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 691 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 798 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60099 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Parathyroid Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Spleen | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Adenoma | |
| Note: MULTIPLE FOCI OF MINERALIZATION IN ADRENAL CORTEX; CONSIDERED RELATED TO ADENOMA; NOT CODED. | | | |
| * Bone | Cranium | Osteopetrosis | Moderate |
| Note: FOCAL AREA OF BONE ENLARGEMENT ON CRANIUM. | | | |
| [ Osteopetrosis TGLS = 4-22 ] | | | |
| * Epididymis | | Atypia Cellular | Moderate |
| * Islets, Pancreatic | | Carcinoma | |
| [ Carcinoma TGLS = 2-21 ] | | | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Marked |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 5-23 ] | | | |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Mild |
| * Stomach, Glandular | | Ulcer | Moderate |
| [ Ulcer TGLS = 3-4-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 691 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 798 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60099 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Testes<br>[ Adenoma TGLS = 1-7 ] | Bilateral, Interstit Cell | Adenoma |
| PRIMARY CAUSE OF DEATH | - Islets, Pancreatic Carcinoma | |
| CONTRIBUTORY CAUSE OF DEATH | - Skin Subcut Tiss Fibroma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 692 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59617 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Esophagus

**INSUFFICIENT TISSUE**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Marked |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Inflammation | Chronic, Mild |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Hepatodiaphragmatic Nodule TGLS = 4-21,6-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Marked |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 3-8 ] | | | |
| * Nose | | Exudate | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 692 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59617 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Foreign Body | Mild |
| | Mucosa | Hyperplasia | Minimal |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| Zymbal's Gland | | Carcinoma | |
| [ Carcinoma TGLS = 7-23 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Zymbal's Gland Carcinoma |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 693 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 813 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60100 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Degeneration | Cystic, Mild |
| | Bile Duct | Hyperplasia | Marked |
| | | Leukemia Mononuclear | |
| Note: FOCAL HEPATOCELLULAR HYPERPLASIA ALSO PRESENT ON SLIDE 6. | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Fibroadenoma | |
| Note: THE GLANDULAR PORTIONS OF THE FIBROADENOMA SHOW GREATER THAN USUAL PROLIFERATIVE POTENTIAL. | | | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Fibrosis | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 693 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 813 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60100 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |

Animal Note: NUMEROUS MAST CELLS VISIBLE IN MUCOSA OF LARGE AND SMALL INTESTINE; NOT CODED.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 694 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 757 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59707 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Developmental Malformation | |
| | Bile Duct | Hyperplasia | Mild |
| [ Developmental Malformation TGLS = 3-22 ] | | | |
| * Nose | Mucosa | Metaplasia | Squamous, Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 695 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59230 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Myelofibrosis | Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Marked |
| * Kidney | Renal Tubule | Necrosis | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| [ Necrosis TGLS = 6-7 ] | | | |
| * Liver | | Degeneration | Cystic, Mild |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 3-6,5-23 ] | | | |
| Lymph Node | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Marked |
| [ Pigmentation TGLS = 4-22 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 695 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59230 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,2-21 ] | | | |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 9-24 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 7-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 696 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60812 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lymph Node, Mesenteric |
| * Mammary Gland | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Cecum | | Edema | Mild |
| * Islets, Pancreatic | | Carcinoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Nose | Mucosa | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | | Ulcer | Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 697 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 667 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59618 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Parathyroid Gland | Peripheral Nerve | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | Spinal Cord | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Degeneration | Fatty, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Marked |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 17-1 ] | | | |
| * Epididymis | | Atypia Cellular | |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Leukemia Mononuclear | |
| * Intestine Small, Duodenum | | Leukemia Mononuclear | |
| * Intestine Small, Ileum | | Leukemia Mononuclear | |
| * Intestine Small, Jejunum | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | | |
| * Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | | |
| [ Pigmentation TGLS = 9-5 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 697 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 667 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59618 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Lobules | Necrosis | Minimal |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 15-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-22 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Chronic, Mild |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 3-8-1 ] | | | |
| [ Inflammation TGLS = 3-8-1 ] | | | |
| * Prostate | | Inflammation | Suppurative, Minimal |
| | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 5-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 698 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 703 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59619 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Lymph Node, Mandibular

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | Hepatocyte | Hyperplasia | Focal, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-6,11-6 ] | | | |
| * Lung | | Edema | Moderate |
| | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 698 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 703 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59619 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 13-3-1 ] | | | |
| [ Pigmentation TGLS = 13-3-1 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-5 ] | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 14-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Minimal |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 4-7 ] | | | |
| [ Atrophy TGLS = 3-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Skin Subcut Tiss Fibroma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 699 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 798 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60101 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung |
| * Lymph Node, Mesenteric | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Brain | | Compression | Moderate |
| | | Hydrocephalus | Mild |
| [ Compression TGLS = 4-1-1 ] | | | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Nose | | Exudate | Moderate |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Preputial Gland | | Inflammation | Suppurative, Mild |
| * Prostate | | Inflammation | Suppurative, Moderate |
| [ Inflammation TGLS = 3-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 699 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 798 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60101 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Spleen | | Leukemia Mononuclear |
| * Testes | Interstit Cell | Adenoma |
| [ Adenoma TGLS = 2-7 ] | | |
| * Thyroid Gland | C Cell | Adenoma |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Islets;Pancreatic Adenoma;Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 700 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 785 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60102 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Degeneration | Fatty, Moderate |
| | | Thrombosis | Mild |
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Pheochromocytoma Benign | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| | | Thrombosis | Moderate |
| [ Thrombosis TGLS = 4-5-1,5-5-1 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 7-2-1 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 6-3-1 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 700 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 785 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60102 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Preputial Gland | | Ectasia | Moderate |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 701 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 744 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59620 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 701 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 744 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59620 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 10-1 ] | | | |
| * Skin | | Acanthosis | Marked |
| | | Hyperkeratosis | Marked |
| | | Inflammation | Chronic, Marked |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Hyperkeratosis TGLS = 1-21 ] | | | |
| [ Inflammation TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6,6-6,7-6 ] | | | |
| * Stomach, Glandular | | Erosion | Moderate |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma;Skin Inflammation |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 702 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 755 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59708 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Mammary Gland | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| | | Thrombosis | |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Marked |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-2,15-2 ] | | | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 702 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 755 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59708 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| | Renal | Pigmentation | Marked |
| Note: PIGMENT IN THE ILIAC LYMPH NODE IS CONSIDERED TO BE FROM THE INK OF THE TAIL TATTOO | | | |
| [ Leukemia Mononuclear TGLS = 11-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | | |
| [ Pigmentation TGLS = 11-22 ] | | | |
| [ Pigmentation TGLS = 5-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Nose | Mucosa | Metaplasia | Squamous, Mild |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Marked |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 4-8-1 ] | | | |
| [ Inflammation TGLS = 4-8-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6,7-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 703 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 682 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59621 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Mild |
| | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 7-3-1 ] | | | |
| [ Pigmentation TGLS = 6-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Nose | | Exudate | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Intermed | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 703 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 682 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59621 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Inflammation | Suppurative, Moderate |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 5-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6,4-6 ] | | | |
| * Testes | Interstit Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 704 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 823 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60103 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| * Bone Marrow | | Hypercellularity | Moderate |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Islets, Pancreatic | | Adenoma | |
| [ Adenoma TGLS = 5-23 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Developmental Malformation | |
| | | Hematopoietic Cell Proliferation | Minimal |
| [ Developmental Malformation TGLS = 6-25 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Hyperplasia | Lymphoid, Moderate |
| | | Pigmentation | Mild |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 7-24 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 704 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 823 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60103 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Preputial Gland | | Inflammation | Chronic, Moderate |
| * Prostate | | Corpora Amylacea | Mild |
| * Skin | Subcut Tiss | Fibrosarcoma | |
| [ Fibrosarcoma TGLS = 1-21 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Sarcoma | |
| [ Sarcoma TGLS = 4-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Skin Subcut Tiss Fibrosarcoma |
| CONTRIBUTORY CAUSE OF DEATH | - Islets;Pancreatic Adenoma;Spleen Sarcoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 705 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60921 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Liver | * Lung | * Lymph Node, Mandibular | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Mild |
| [ Hyperplasia TGLS = 4-5 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| * Preputial Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

Animal Note: TISSUE ON SLIDE 21 IS LIVER AND DOES NOT CORRELATE WITH TGL 1.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 706 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 569 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59117 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Epididymis | * Esophagus | * Heart | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Islets, Pancreatic | * Mammary Gland |
| Mesentery | * Nose | * Parathyroid Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Intestine Large, Cecum | | Leukemia Mononuclear | |
| * Intestine Small, Ileum | | Leukemia Mononuclear | |
| * Intestine Small, Jejunum | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-26 ] | | | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-2 ] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 706 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 569 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59117 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 11-27 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-28 ] | | | |
| [ Leukemia Mononuclear TGLS = 15-29 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-24 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-25 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Minimal |
| | | Leukemia Mononuclear | |
| * Preputial Gland | | Inflammation | Suppurative, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,5-23 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 707 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60813 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**MISSING**

* Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | Moderate |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Moderate |
| [ Necrosis TGLS = 2-22 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Pigmentation | Mild |
| * Preputial Gland | | Carcinoma | |
| [ Carcinoma TGLS = 3-23 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 707 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60813 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 708 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 656 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59622 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Epididymis |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Degeneration | Fatty, Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 708 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 656 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59622 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Intermed | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| | | Leukemia Mononuclear | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Moderate |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 709 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60922 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Granuloma | Minimal |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-21 ] | | | |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Moderate |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Mild |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Moderate |
| * Prostate | | Adenoma | |
| | | Corpora Amylacea | Moderate |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 710 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 617 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59118 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

* Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Mild |
| | | Hypospermia | Moderate |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Lung | | Infiltration Cellular | Histiocyte, Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-2 ] | | | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-22 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 710 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 617 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59118 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-5,10-23 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Mild |
| | Mucosa | Metaplasia | Squamous, Moderate |
| * Pancreas | | Atrophy | Moderate |
| * Skin | | Hyperkeratosis | Moderate |
| [ Hyperkeratosis TGLS = 8-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6,4-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 711 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 698 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59623 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Marked |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Moderate |
| | | Thrombosis | Moderate |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| [ Pigmentation TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 711 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 698 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59623 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Mesentery | Fat | Necrosis | Marked |
| [ Necrosis TGLS = 5-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Prostate | | Corpora Amylacea | Moderate |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 712 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 824 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60104 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Degeneration | Cystic, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6,8-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 11-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-21 ] | | | |
| [ Pigmentation TGLS = 11-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 712 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 824 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60104 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Minimal |
| [ Ectasia TGLS = 2-8-1 ] | | | |
| [ Inflammation TGLS = 2-8-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6-1,5-6-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 713 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 516 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59119 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

| | |
|---|---|
| * Mammary Gland | * Thymus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Small, Jejunum | | Carcinoma | |
| [ Carcinoma TGLS = 3-21 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 1-7-3 ] | | | |

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Carcinoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 714 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 796 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60105 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Thyroid Gland | * Trachea |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-10 ] | | | |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Leukemia Mononuclear | |
| | | Thrombosis | Moderate |
| [ Leukemia Mononuclear TGLS = 18-5 ] | | | |
| [ Thrombosis TGLS = 17-5-1 ] | | | |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Hematopoietic Cell Proliferation | Mild |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Moderate |
| [ Leukemia Mononuclear TGLS = 12-6 ] | | | |
| [ Necrosis TGLS = 12-6 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 16-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 714 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 796 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60105 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mediastinal | Pigmentation | Mild |
| | Renal | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 15-5-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-25 ] | | | |
| [ Pigmentation TGLS = 15-5-1 ] | | | |
| [ Pigmentation TGLS = 14-25 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-5 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Moderate |
| [ Fibroadenoma TGLS = 5-22 ] | | | |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| Mesentery | | Leukemia Mononuclear | |
| | Fat | Necrosis | Moderate |
| [ Leukemia Mononuclear TGLS = 8-23 ] | | | |
| [ Necrosis TGLS = 8-23 ] | | | |
| * Nose | | Exudate | Moderate |
| | | Fungus | Marked |
| | Mucosa | Hyperplasia | Moderate |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pancreas | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |
| [ Cyst TGLS = 19-1 ] | | | |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Moderate |
| [ Ectasia TGLS = 3-8-1 ] | | | |
| [ Inflammation TGLS = 3-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 714 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 796 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60105 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Seminal Vesicle | | Leukemia Mononuclear | |
| * Skin | | Acanthosis | Mild |
| | | Cyst Epithelial Inclusion | |
| | | Hyperkeratosis | Marked |
| | | Ulcer | Moderate |
| [ Cyst Epithelial Inclusion TGLS = 1-21 ] | | | |
| [ Hyperkeratosis TGLS = 1-21 ] | | | |
| [ Ulcer TGLS = 1-21 ] | | | |
| * Spleen | | Fibrosis | Marked |
| | | Pigmentation | Hemosiderin, Minimal |
| [ Fibrosis TGLS = 9-24 ] | | | |
| * Stomach, Glandular | | Erosion | Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 7-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Urinary Bladder | | Leukemia Mononuclear | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 715 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59624 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Trachea | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Moderate |
| | | Hypertrophy | Focal, Moderate |
| | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| | | Necrosis | Marked |
| [ Necrosis TGLS = 8-23 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Marked |
| | | Hypospermia | Marked |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 16-5,17-5 ] | | | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Nephropathy TGLS = 9-24 ] | | | |
| * Liver | | Hepatocellular Carcinoma | |
| | Bile Duct | Hyperplasia | Marked |
| | | Leukemia Mononuclear | |
| [ Hepatocellular Carcinoma TGLS = 11-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-2,15-2-1 ] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 715 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59624 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 19-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 21-27 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-5 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | | Leukemia Mononuclear | |
| [ Cyst TGLS = 20-1 ] | | | |
| * Preputial Gland | | Leukemia Mononuclear | |
| * Prostate | | Leukemia Mononuclear | |
| * Seminal Vesicle | | Leukemia Mononuclear | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 7-22 ] | | | |
| * Stomach, Forestomach | | Leukemia Mononuclear | |
| | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 22-28 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 715 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59624 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Leukemia Mononuclear TGLS = 18-3 ] | | |
| * Thyroid Gland | Follicle | Cyst |
| * Urinary Bladder | | Leukemia Mononuclear |

| | | | |
|---|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear | |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Hepatocellular Carcinoma;Stomach;Forestomach | Squamous Cell Papilloma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 716 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60814 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | Bilateral | Pheochromocytoma Benign | |
| [ Pheochromocytoma Benign TGLS = 5-23 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Moderate |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | Mild |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| Note: BASOPH FOCUS IS ON SLIDE 25. | | | |
| [ Leukemia Mononuclear TGLS = 8-25 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-3-1 ] | | | |
| [ Pigmentation TGLS = 10-3-1 ] | | | |
| [ Pigmentation TGLS = 4-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 716 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60814 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Mesentery | Fat | Necrosis | Marked |
| [ Necrosis TGLS = 7-24 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 1-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| Note: THYMUS IS ON SLIDE 3-1. | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 717 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60815 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Intestine Large, Cecum

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Degeneration | Cystic, Minimal |
| | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 7-6 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| | | Edema | Mild |
| [ Atrophy TGLS = 5-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| | Pars Distalis | Cyst | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 717 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60815 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Angiectasis TGLS = 8-1 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | Epithelium | Hyperplasia | Minimal |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Minimal |
| [ Leukemia Mononuclear TGLS = 2-21 ] | | | |
| * Stomach, Glandular | | Edema | Moderate |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 718 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 670 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59625 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Marked |
| | | Hypospermia | Marked |
| * Heart | | Leukemia Mononuclear | |
| * Intestine Large, Cecum | | Edema | Moderate |
| * Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 12-5 ] | | | |
| [ Pigmentation TGLS = 12-5 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 16-2 ] | | | |
| Lymph Node | Pancreatic | Hemorrhage | Marked |
| | Deep Cervical | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 718 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 670 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59625 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Inguinal | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 10-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 17-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 15-3-1 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-8,3-21 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-5 ] | | | |
| Mesentery | | Leukemia Mononuclear | |
| | Fat | Necrosis | Moderate |
| [ Leukemia Mononuclear TGLS = 7-22 ] | | | |
| [ Necrosis TGLS = 7-22 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Mild |
| * Prostate | | Corpora Amylacea | Moderate |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Leukemia Mononuclear | |
| | | Necrosis | Marked |
| [ Hematopoietic Cell Proliferation TGLS = 8-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| [ Necrosis TGLS = 9-23 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 6-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 719 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60923 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hypertrophy | Focal, Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Calculus Micro Observation Only | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | Minimal |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| | | Hyperplasia | Lymphoid, Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Angiectasis | Marked |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| [ Angiectasis TGLS = 5-1 ] | | | |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 719 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60923 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Ectasia TGLS = 2-22 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Stomach, Forestomach | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 7-4-1 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Marked |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 3-7 ] | | | |
| [ Atrophy TGLS = 6-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Moderate |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 720 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 868 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60924 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Mammary Gland |
| * Parathyroid Gland | * Preputial Gland | * Salivary Glands | * Seminal Vesicle |
| * Thyroid Gland | * Trachea | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Degeneration | Fatty, Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 21-1-1 ] | | | |
| * Epididymis | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 5-7-2 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Pigmentation TGLS = 9-5 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 22-27 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 720 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 868 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60924 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 17-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-3-1 ] | | | |
| [ Pigmentation TGLS = 16-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 19-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-23 ] | | | |
| * Nose | | Exudate | Moderate |
| | | Foreign Body | Mild |
| | | Fungus | Moderate |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pancreas | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-7 ] | | | |
| Peritoneum | | Mesothelioma Malignant | |
| Note: MESOTHELIO MAL ALSO PRESENT ON SLIDE 7. | | | |
| [ Mesothelioma Malignant TGLS = 5-7-2,18-26 ] | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Prostate | | Inflammation | Suppurative, Moderate |
| [ Inflammation TGLS = 7-7-1 ] | | | |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 3-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Stomach, Forestomach | | Leukemia Mononuclear | |
| * Stomach, Glandular | | Ulcer | Mild |
| Note: NO LESION PRESENT ON SLIDE 4-1. | | | |
| [ Ulcer TGLS = 23-4 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| | | Mesothelioma Malignant | |
| [ Adenoma TGLS = 4-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 720 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 868 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60924 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| * Thymus | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 15-3 ] | |
| * Urinary Bladder | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 6-8,20-8 ] | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Peritoneum Mesothelioma Malignant |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 721 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 839 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60176 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Mammary Gland | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| | | Hypertrophy | Focal, Mild |
| | | Thrombosis | Moderate |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Histiocytic Sarcoma | |
| * Epididymis | | Hypospermia | Moderate |
| * Kidney | | Cyst | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Histiocytic Sarcoma | |
| [ Histiocytic Sarcoma TGLS = 6-6,7-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node | Mediastinal | Histiocytic Sarcoma | |
| [ Histiocytic Sarcoma TGLS = 10-3-1 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Moderate |
| | | Histiocytic Sarcoma | |
| * Lymph Node, Mesenteric | | Histiocytic Sarcoma | |
| [ Histiocytic Sarcoma TGLS = 5-5 ] | | | |
| * Nose | | Exudate | Moderate |
| | | Fungus | Marked |
| | Mucosa | Hyperplasia | Mild |
| | Mucosa | Metaplasia | Squamous, Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 721 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 839 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60176 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Moderate |
| * Spleen | | Hematopoietic Cell Proliferation | Marked |
| | | Pigmentation | Hemosiderin, Minimal |
| [ Hematopoietic Cell Proliferation TGLS = 4-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7,3-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Histiocytic Sarcoma | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 722 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 785 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60106 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Mammary Gland | * Pancreas | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Thrombosis | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Nose | | Exudate | Moderate |
| | | Fungus | Moderate |
| | Mucosa | Metaplasia | Squamous, Moderate |
| Note: ULCERATED AREA ON NASAL MUCOSA; NOT CODED. | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Prostate | | Corpora Amylacea | Moderate |
| | | Inflammation | Suppurative, Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6-1,4-6-1 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 722 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 785 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60106 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 723 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 754 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59709 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Mammary Gland | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | | Thrombosis | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Nose | | Exudate | |
| | | Foreign Body | Mild |
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Mild |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Preputial Gland | | Inflammation | Suppurative, Minimal |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 723 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 754 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59709 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Stomach, Forestomach | | Squamous Cell Papilloma | |
| | | Ulcer | Mild |
| [ Squamous Cell Papilloma TGLS = 4-4-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 724 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60816 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Intestine Large, Colon

**INSUFFICIENT TISSUE**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Angiectasis | Mild |
| | | Basophilic Focus | |
| | | Degeneration | Cystic, Mild |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 4-22 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| * Prostate | | Corpora Amylacea | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 724 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-60816 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Skin | | Cyst Epithelial Inclusion |
| [ Cyst Epithelial Inclusion TGLS = 1-21 ] | | |
| * Spleen | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | |
| * Testes | Bilateral, Interstit Cell | Adenoma |
| [ Adenoma TGLS = 2-7 ] | | |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 725 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 597 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59120 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Moderate |
| | | Hemorrhage | Moderate |
| [ Hemorrhage TGLS = 4-10 ] | | | |
| * Brain | | Hydrocephalus | Mild |
| * Epididymis | | Hypospermia | Marked |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| | | Thrombosis | Minimal |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 3-21 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| * Prostate | | Corpora Amylacea | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 725 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 597 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59120 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Moderate |
| [ Atrophy TGLS = 2-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 726 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 761 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59710 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Skin | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Intestine Large, Cecum | | Leukemia Mononuclear | |
| * Intestine Small, Duodenum | | Leukemia Mononuclear | |
| * Intestine Small, Ileum | | Leukemia Mononuclear | |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 726 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 761 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59710 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| [ Pigmentation TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-5 ] | | | |
| Mesentery | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-21 ] | | | |
| Oral Mucosa | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 12-9-2 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-7 ] | | | |
| Peritoneum | | Mesothelioma Malignant | |
| Note: MESOTHELIO MAL IS ON SLIDE 7 ADJACENT TO TESTIS. | | | |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Mild |
| * Prostate | | Leukemia Mononuclear | |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Seminal Vesicle | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Stomach, Forestomach | | Edema | Mild |
| | | Leukemia Mononuclear | |
| | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 13-4-1 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Peritoneum Mesothelioma Malignant;Stomach;Forestomach Squamous Cell Papilloma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 727 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 661 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59626 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | Ear |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Parathyroid Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| | | Thrombosis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Marked |
| * Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| [ Necrosis TGLS = 5-21 ] | | | |
| * Liver | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 6-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 727 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 661 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59626 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Nose | | Exudate | |
| | | Foreign Body | Mild |
| | Mucosa | Hyperplasia | Mild |
| * Pancreas | Acinus | Cytoplasmic Alteration | Minimal |
| | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Prostate | | Corpora Amylacea | Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 728 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 796 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60107 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Thyroid Gland | * Trachea |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| | | Leukemia Mononuclear | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Hepatodiaphragmatic Nodule TGLS = 13-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6,6-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-2,9-2,10-2-1,11-2-1,12-2-1 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 728 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 796 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60107 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Nose | Mucosa | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| | | Leukemia Mononuclear | |
| * Preputial Gland | | Leukemia Mononuclear | |
| * Prostate | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Suppurative, Minimal |
| * Seminal Vesicle | | Leukemia Mononuclear | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6-1,3-6-1 ] | | | |
| * Stomach, Forestomach | | Leukemia Mononuclear | |
| * Stomach, Glandular | | Erosion | Minimal |
| | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Urinary Bladder | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 729 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59627 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Moderate |
| | | Hypertrophy | Focal, Moderate |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Marked |
| * Kidney | Renal Tubule | Atrophy | Mild |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Atrophy TGLS = 5-21 ] | | | |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 6-22 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| | | Infiltration Cellular | Histiocyte, Mild |
| [ Hyperplasia TGLS = 7-2 ] | | | |
| [ Infiltration Cellular TGLS = 7-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 729 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59627 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| [ Pigmentation TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Preputial Gland | | Inflammation | Suppurative, Mild |
| * Prostate | | Corpora Amylacea | Moderate |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 730 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 746 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59628 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Astrocytoma Malignant | |
| | | Hydrocephalus | Mild |
| [ Astrocytoma Malignant TGLS = 13-1 ] | | | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Deep Cervical | Hemorrhage | Moderate |
| | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 730 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 746 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59628 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-23 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Spleen | | Fibrosis | Mild |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,5-6,6-21 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Brain | Astrocytoma Malignant |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 731 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55152 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Kidney | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| Intestine Large, Colon | | Parasite Metazoan | |
| Liver | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 2-22 ] | | | |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 1-21 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Inflammation | Suppurative, Mild |
| Note: PORTION OF PROSTATE CONTAINS MUCOID MATERIAL; NOT CODED | | | |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 732 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55153 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Kidney | Liver |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Epididymis | | Atypia Cellular | |
| Intestine Large, Rectum | | Parasite Metazoan | |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 1-21 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Minimal |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 733 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55154 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Preputial Gland | | Inflammation | Chronic, Minimal |
| Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| Testes | Bilateral, Interstit Cell | Adenoma | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 734 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55155 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mandibular | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| | | Degeneration | Fatty, Minimal |
| Heart | | Cardiomyopathy | Minimal |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Lung | | Alveolar/Bronchiolar Adenoma | |
| [ Alveolar/Bronchiolar Adenoma TGLS = 2-2-1 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Inflammation | Suppurative, Minimal |
| Testes | Seminif Tub | Atrophy | Mild |
| | Interstit Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 735 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55156 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node, Mesenteric | Nose |
| Parathyroid Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**MISSING**

Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Mediastinal | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 3-21 ] | | | |
| [ Pigmentation TGLS = 3-21 ] | | | |
| Lymph Node, Mandibular | | Hemorrhage | Minimal |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| Pancreas | | Atrophy | Mild |
| Pituitary Gland | Pars Distalis | Cyst | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 736 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55157 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lung | Lymph Node, Mandibular |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Trachea | Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| Heart | | Cardiomyopathy | Moderate |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | Hepatocyte | Vacuolization Cytoplasmic | Mild |
| Preputial Gland | | Inflammation | Chronic, Moderate |
| Prostate | | Inflammation | Suppurative, Minimal |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| Thyroid Gland | C Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 737 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55158 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| | | Hyperplasia | Focal, Minimal |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Clear Cell Focus | Moderate |
| [ Clear Cell Focus TGLS = 3-21 ] | | | |
| Lymph Node, Mandibular | | Pigmentation | Moderate |
| [ Pigmentation TGLS = 1-8 ] | | | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| Testes | Interstit Cell | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 738 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55159 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach, Forestomach | Stomach, Glandular | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Lymph Node | Mediastinal | Hemorrhage | Mild |
| | Mediastinal | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 1-21 ] | | | |
| [ Pigmentation TGLS = 1-21 ] | | | |
| Pituitary Gland | Pars Distalis | Cyst | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Inflammation | Suppurative, Minimal |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Minimal |
| Thymus | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 2-3 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 739 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55160 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Epididymis | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Pancreas |
| Parathyroid Gland | Preputial Gland | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Hyperplasia | Reticulum Cell, Marked |
| [ Hyperplasia TGLS = 3-9 ] | | | |
| Heart | | Cardiomyopathy | Minimal |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| Prostate | | Inflammation | Suppurative, Mild |
| Testes | Interstit Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 740 | **TRT#:** 1 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55161 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Tissue NOS | Trachea |
| Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Heart | | Cardiomyopathy | Moderate |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | Hepatocyte | Vacuolization Cytoplasmic | Minimal |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Mild |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 1-21 ] | | | |
| Preputial Gland | | Inflammation | Chronic, Minimal |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 741 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59629 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Clear Cell Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| [ Hepatodiaphragmatic Nodule TGLS = 3-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 742 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59630 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Minimal |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Epididymis | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 743 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59631 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Bone Marrow | | Myelofibrosis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Cyst | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Cyst TGLS = 5-5 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 744 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59632 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Liver | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Hypercellularity | Moderate |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Moderate |
| Mesentery | | Schwannoma Malignant | |
| [ Schwannoma Malignant TGLS = 7-1 ] | | | |
| * Nose | | Exudate | |
| | | Foreign Body | Mild |
| | Mucosa | Hyperplasia | Mild |
| * Skin | | Inflammation | Chronic Active, Marked |
| [ Inflammation TGLS = 1-21 ] | | | |
| * Spleen | | Fibrosis | Minimal |
| | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Forestomach | | Hyperplasia | Squamous, Moderate |
| [ Hyperplasia TGLS = 4-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 745 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 677 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59633 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Preputial Gland |
| Salivary Glands | Seminal Vesicle | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Necrosis | Mild |
| Epididymis | | Hypospermia | |
| Intestine Large, Colon | | Parasite Metazoan | |
| Kidney | | Cyst | |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 7-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-21 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Intermed | Cyst | |
| Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| Skin | | Hemorrhage | Moderate |
| [ Hemorrhage TGLS = 9-23 ] | | | |
| Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 745 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 677 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59633 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 5-6,6-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| Urinary Bladder | Transit Epithe | Hyperplasia | Moderate |
| | Transit Epithe | Papilloma | |
| [ Papilloma TGLS = 2-22 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Urinary Bladder Transit Epithe Papilloma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 746 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59225 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Seminal Vesicle |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Moderate |
| | | Leukemia Mononuclear | |
| * Brain | | Compression | Mild |
| [ Compression TGLS = 8-1-1 ] | | | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 12-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6,7-23 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 11-2-1 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 9-1 ] | | | |
| * Preputial Gland | | Ectasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 746 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59225 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Suppurative, Mild |
| * Salivary Glands | | Fibrous Histiocytoma | Metastatic (Skin) |
| Skeletal Muscle | | Fibrous Histiocytoma | Metastatic (Skin) |
| * Skin | Subcut Tiss | Fibrous Histiocytoma | |
| [ Fibrous Histiocytoma TGLS = 1-21,2-24 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6,5-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

Animal Note: METASTATIC SCHWANNOMA MAL IN SALIVARY GLAND AND SKELETAL MUSCLE IS ON SLIDE 8.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 747 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 619 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59140 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Mammary Gland | Nose | Parathyroid Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Glandular |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| Adrenal Medulla | | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | Mild |
| | | Hypospermia | Marked |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 7-22 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Pancreas | | Atrophy | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 747 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 619 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59140 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Pituitary Gland | Pars Distalis | Cyst | |
| | | Leukemia Mononuclear | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| Stomach, Forestomach | Mucosa | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 10-23 ] | | | |
| Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Marked |
| [ Adenoma TGLS = 3-7 ] | | | |
| [ Atrophy TGLS = 4-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| Thyroid Gland | C Cell | Adenoma | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 748 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59634 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| * Nose | | Exudate | |
| | | Fungus | Mild |
| * Pancreas | Acinus | Hyperplasia | Focal, Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Chronic, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| * Spleen | | Fibrosis | Mild |
| [ Fibrosis TGLS = 2-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 749 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59232 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Parathyroid Gland | * Pituitary Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hypertrophy | Focal, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Marked |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6,5-23 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Nose | | Exudate | |
| | | Fungus | Mild |
| | Mucosa | Metaplasia | Squamous, Minimal |
| * Pancreas | | Atrophy | Minimal |
| | | Leukemia Mononuclear | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 749 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59232 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Fibrosis TGLS = 4-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-6,1-21,2-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| * Thymus | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 750 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 663 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59635 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Epididymis | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric |
| Nose | Pancreas | Parathyroid Gland | Preputial Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| Brain | | Compression | Marked |
| [ Compression TGLS = 4-1,4-1-1 ] | | | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | Transit Epithe | Hyperplasia | Mild |
| | | Nephropathy | Mild |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 2-6 ] | | | |
| Mammary Gland | | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1 ] | | | |
| Prostate | | Inflammation | Suppurative, Moderate |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| Testes | Seminif Tub | Atrophy | Mild |
| | Interstit Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 751 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 605 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59141 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Esophagus |
| Intestine Large, Cecum | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Nose | Parathyroid Gland |
| Preputial Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach, Forestomach | Stomach, Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Leukemia Mononuclear | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Marked |
| | | Leukemia Mononuclear | |
| Heart | | Leukemia Mononuclear | |
| Intestine Large, Colon | | Parasite Metazoan | |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| [ Infiltration Cellular TGLS = 8-2 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-3-1 ] | | | |
| Lymph Node, Mandibular | | Ectasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 751 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 605 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59141 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-5 ] | | | |
| Mammary Gland | | Hyperplasia | Mild |
| Pancreas | | Atrophy | Minimal |
| | | Leukemia Mononuclear | |
| Pituitary Gland | | Leukemia Mononuclear | |
| Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 3-6,3-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 752 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59636 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone Marrow | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Pheochromocytoma Benign | |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 1-21 ] | | | |
| * Epididymis | | Hypospermia | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | Renal Tubule | Hyperplasia | Mild |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | Lobules | Necrosis | Minimal |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Hyperplasia | Lymphoid, Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| [ Adenoma TGLS = 2-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 752 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59636 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Moderate |
| * Spleen | | Pigmentation | Hemosiderin, Minimal |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Mild |
| | Interstit Cell | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 753 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 350 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 90-54748 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Epididymis | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Liver | Lymph Node, Mandibular | Lymph Node, Mesenteric |
| Mammary Gland | Parathyroid Gland | Preputial Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Glandular | Testes |
| Thymus | Trachea | Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Brain | | Compression | |
| [ Compression TGLS = 3-1-1 ] | | | |
| Heart | | Cardiomyopathy | Minimal |
| Kidney | Renal Tubule | Pigmentation | Moderate |
| [ Pigmentation TGLS = 2-5 ] | | | |
| Lung | | Inflammation | Suppurative, Mild |
| Note: MILD LYMPHOID HYPERPLASIA IN LUNG; NOT CODED. | | | |
| Mesentery | Fat | Necrosis | Marked |
| [ Necrosis TGLS = 1-21 ] | | | |
| Nose | | Exudate | |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 4-1 ] | | | |
| Prostate | | Corpora Amylacea | Minimal |
| | | Inflammation | Suppurative, Mild |
| Spleen | | Pigmentation | Hemosiderin, Minimal |
| Stomach, Forestomach | | Edema | Marked |
| | Mucosa | Hyperplasia | Moderate |
| | | Ulcer | Moderate |
| [ Hyperplasia TGLS = 5-22 ] | | | |
| [ Ulcer TGLS = 5-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 753 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 350 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 90-54748 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 754 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 610 |
| | **DOSE:** 1.2% | **DISP:** Dead | **HISTO:** 91-59142 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Epididymis | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lung | Lymph Node, Mandibular |
| Lymph Node, Mesenteric | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach, Glandular | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

**MISSING**

Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Hypercellularity | Moderate |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Congestion | Marked |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Congestion | Marked |
| Lymph Node | Mediastinal | Fibrous Histiocytoma | |
| Note: FIB HISTIOCYT (MEDIASTINAL LYMPH NODE) IS ON SLIDE 3-1 | | | |
| Mammary Gland | | Hyperplasia | Moderate |
| Mesentery | | Fibrous Histiocytoma | |
| | Fat | Necrosis | Moderate |
| [ Fibrous Histiocytoma TGLS = 4-21,5-22 ] | | | |
| [ Necrosis TGLS = 4-21 ] | | | |
| Preputial Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| Prostate | | Corpora Amylacea | Mild |
| Skeletal Muscle | | Fibrous Histiocytoma | |
| [ Fibrous Histiocytoma TGLS = 6-23 ] | | | |
| Stomach, Forestomach | Mucosa | Hyperplasia | Minimal |
| Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 754 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 610 |
| | **DOSE:** 1.2% | **DISP:** Dead | **HISTO:** 91-59142 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 3-7 ]

PRIMARY CAUSE OF DEATH - Mesentery Fibrous Histiocytoma

Animal Note: FIB HISTIOCYT IS IN MEDIASTINUM ON SLIDE 3

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 755 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59637 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Metaplasia | Osseous, Moderate |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | | Carcinoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 3-21 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| * Prostate | | Corpora Amylacea | Moderate |
| * Spleen | | Fibrosis | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 756 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 684 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59638 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Esophagus |
| Intestine Large, Cecum | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Nose | Parathyroid Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thyroid Gland | Trachea | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Cardiomyopathy | Moderate |
| | | Leukemia Mononuclear | |
| Intestine Large, Colon | | Parasite Metazoan | |
| Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | | |
| [ Necrosis TGLS = 9-5 ] | | | |
| Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-6,11-6 ] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Hemorrhage | Marked |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 756 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 684 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59638 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Pancreatic | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 5-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| [ Pigmentation TGLS = 5-7 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Pancreas | | Atrophy | Mild |
| Pituitary Gland | | Leukemia Mononuclear | |
| Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Moderate |
| [ Ectasia TGLS = 2-8-1 ] | | | |
| [ Inflammation TGLS = 2-8-1 ] | | | |
| Prostate | | Corpora Amylacea | Mild |
| Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| | | Necrosis | Marked |
| [ Fibrosis TGLS = 7-22 ] | | | |
| [ Necrosis TGLS = 6-21 ] | | | |
| Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Marked |
| [ Adenoma TGLS = 4-7 ] | | | |
| [ Atrophy TGLS = 3-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| Urinary Bladder | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 757 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59639 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Renal Tubule | Atrophy | Mild |
| | | Calculus Micro Observation Only | |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 757 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59639 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 758 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 589 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59143 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Salivary Glands | Seminal Vesicle |
| Skin | Stomach, Forestomach | Stomach, Glandular | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**MISSING**

Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| Lymph Node, Mandibular | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-5 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 758 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 589 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59143 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 7-21 ] | | | |
| Preputial Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| Prostate | | Corpora Amylacea | Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 759 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 634 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59144 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thyroid Gland | Trachea | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-1-1 ] | | | |
| Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Marked |
| Heart | | Cardiomyopathy | Mild |
| Kidney | Renal Tubule | Dilatation | Mild |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-3-1 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Moderate |
| [ Ectasia TGLS = 1-8-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 759 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 634 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59144 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Inflammation TGLS = 1-8-1 ] | | | |
| Prostate | | Edema | Moderate |
| | | Inflammation | Suppurative, Minimal |
| [ Edema TGLS = 6-7-2 ] | | | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| Urinary Bladder | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 4-8,5-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-8 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 760 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 674 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59640 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Jejunum | Islets, Pancreatic |
| Mammary Gland | Nose | Parathyroid Gland | Pituitary Gland |
| Preputial Gland | Skin | Stomach, Forestomach | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Leukemia Mononuclear | |
| Intestine Small, Ileum | | Leukemia Mononuclear | |
| Kidney | Renal Tubule | Atrophy | Moderate |
| | Renal Tubule | Dilatation | Moderate |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| Liver | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 9-23 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-24 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| Mesentery | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 760 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 674 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59640 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 8-22 ] | | | |
| Pancreas | | Leukemia Mononuclear | |
| Prostate | | Corpora Amylacea | Mild |
| Salivary Glands | | Leukemia Mononuclear | |
| Seminal Vesicle | | Leukemia Mononuclear | |
| Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 12-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| Stomach, Glandular | | Erosion | Minimal |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-3 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 761 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 698 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59641 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Parathyroid Gland | Pituitary Gland | Preputial Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Marked |
| Liver | | Degeneration | Cystic, Mild |
| | | Hepatocellular Adenoma | Multiple |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| Note: LIVER CYSTIC DEGENERATION IS ON SLIDE 22 | | | |
| [ Hepatocellular Adenoma TGLS = 7-6,8-22 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 761 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 698 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59641 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| Pancreas | | Atrophy | Mild |
| Prostate | | Corpora Amylacea | Moderate |
| | | Inflammation | Suppurative, Minimal |
| Spleen | | Fibrosis | Moderate |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 5-21 ] | | | |
| [ Hematopoietic Cell Proliferation TGLS = 4-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Hepatocellular Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 762 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59642 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 2-6 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Preputial Gland | | Inflammation | Suppurative, Moderate |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 763 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59643 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Mammary Gland | Nose | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Forestomach |
| Thymus | Trachea | Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Cardiomyopathy | Mild |
| | | Thrombosis | |
| [ Thrombosis TGLS = 10-21 ] | | | |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Ectasia | Moderate |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| Pancreas | Acinus | Hyperplasia | Focal, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 763 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 719 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59643 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Corpora Amylacea | Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Stomach, Glandular | | Ulcer | Mild |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| Thyroid Gland | C Cell | Hyperplasia | Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Heart Thrombosis |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 764 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59644 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Liver | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thymus | | Thymoma Benign | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 765 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59645 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| | Rib | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 5-9-2 ] | | | |
| [ Osteopetrosis TGLS = 6-21 ] | | | |
| [ Osteopetrosis TGLS = 4-22 ] | | | |
| * Epididymis | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Lung | | Hemorrhage | Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Intermed | Angiectasis | Mild |
| | Pars Distalis | Cyst | |
| [ Angiectasis TGLS = 7-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 766 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59226 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Intermed | Cyst | |
| * Preputial Gland | | Adenoma | |
| | | Ectasia | Mild |
| [ Adenoma TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-21,3-6 ] | | | |
| * Stomach, Forestomach | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 5-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 766 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59226 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Thyroid Gland | Follicle | Cyst |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 767 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59646 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Pigmentation | Mild |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| [ Pigmentation TGLS = 1-8 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 7-1 ] | | | |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 768 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59233 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

| | | |
|---|---|---|
| * Intestine Large, Colon | * Lymph Node, Mandibular | * Salivary Glands |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Mild |
| | | Hypospermia | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-23 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Intermed | Cyst | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,1-21,3-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 769 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59647 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 1-21 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 770 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59648 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Clear Cell Focus | |
| | | Inflammation | Subacute, Minimal |
| [ Clear Cell Focus TGLS = 4-22 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Minimal |
| [ Ectasia TGLS = 2-8-1 ] | | | |
| [ Inflammation TGLS = 2-8-1 ] | | | |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 771 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59227 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Pheochromocytoma Malignant | |
| [ Pheochromocytoma Malignant TGLS = 1-21 ] | | | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| * Mammary Gland | | Hyperplasia | Minimal |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 2-22 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Fibroma | |
| [ Fibroma TGLS = 4-23 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 772 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 715 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59649 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Jejunum |
| Islets, Pancreatic | Lung | Lymph Node, Mandibular | Mammary Gland |
| Nose | Parathyroid Gland | Prostate | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Forestomach | Thymus |
| Thyroid Gland | Trachea | | |

**MISSING**

Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Minimal |
| Epididymis | | Atypia Cellular | |
| Intestine Small, Ileum | | Mesothelioma Malignant | |
| Kidney | Renal Tubule | Dilatation | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Dilatation TGLS = 5-5 ] | | | |
| [ Nephropathy TGLS = 5-5 ] | | | |
| [ Pigmentation TGLS = 5-5 ] | | | |
| Liver | Bile Duct | Hyperplasia | Moderate |
| | | Mesothelioma Malignant | |
| | Lobules | Necrosis | Minimal |
| | Kupffer Cell | Pigmentation | Minimal |
| [ Mesothelioma Malignant TGLS = 7-23 ] | | | |
| Lymph Node, Mesenteric | | Hemorrhage | Minimal |
| [ Hemorrhage TGLS = 8-5 ] | | | |
| Pancreas | | Atrophy | Moderate |
| | Acinus | Hyperplasia | Focal, Moderate |
| | | Mesothelioma Malignant | |
| Peritoneum | | Mesothelioma Malignant | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 772 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 715 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59649 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Mesothelioma Malignant TGLS = 3-21,6-22 ] | | | |
| Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 4-6 ] | | | |
| Stomach, Glandular | | Mesothelioma Malignant | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| Urinary Bladder | | Mesothelioma Malignant | |
| PRIMARY CAUSE OF DEATH | - Peritoneum Mesothelioma Malignant | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 773 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 628 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59145 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lymph Node, Mandibular | Mammary Gland | Nose | Parathyroid Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Glandular |
| Thyroid Gland | Trachea | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Degeneration | Fatty, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | Mild |
| | | Hypospermia | Moderate |
| Heart | | Leukemia Mononuclear | |
| Kidney | Renal Tubule | Dilatation | Mild |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| | | Leukemia Mononuclear | |
| Preputial Gland | | Ectasia | Mild |
| Prostate | | Corpora Amylacea | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 773 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 628 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59145 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| Stomach, Forestomach | | Mineralization | Mild |
| [ Mineralization TGLS = 11-22 ] | | | |
| Testes | Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-3 ] | | | |
| Urinary Bladder | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 3-8,4-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-8 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 774 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59650 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Lymph Node, Mandibular

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Pancreas | | Atrophy | Minimal |
| * Prostate | | Corpora Amylacea | Moderate |
| | Epithelium | Hyperplasia | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 775 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59651 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Marked |
| [ Hyperplasia TGLS = 4-1 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 776 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59228 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Degeneration | Fatty, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Marked |
| Note: MAMMARY GLAND HYPERPLASIA INCLUDES BLOOD-FILLED CYSTS. | | | |
| [ Hyperplasia TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,2-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 776 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59228 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| [ Adenoma TGLS = 3-7 ] | |
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 777 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59652 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| * Liver | | Angiectasis | Minimal |
| | | Basophilic Focus | |
| | | Clear Cell Focus | |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 778 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 667 |
| | **DOSE:** 1.2% | **DISP:** Dead | **HISTO:** 91-59653 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Epididymis | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Preputial Gland |
| Salivary Glands | Seminal Vesicle | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Cyst | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Leukemia Mononuclear | |
| Note: HEMORRHAGE AND NECROSIS ASSOC. WITH LEUKEMIA; NOT CODED | | | |
| [ Leukemia Mononuclear TGLS = 6-1,7-1 ] | | | |
| Heart | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Leukemia Mononuclear | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Intermed | Cyst | |
| | | Leukemia Mononuclear | |
| Prostate | | Corpora Amylacea | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 778 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 667 |
| | **DOSE:** 1.2% | **DISP:** Dead | **HISTO:** 91-59653 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Inflammation | Suppurative, Marked |
| [ Inflammation TGLS = 3-7-2 ] | | | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7,2-7-3 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Prostate Inflammation |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 779 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59654 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 3-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| * Prostate | | Corpora Amylacea | Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 780 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59655 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Angiectasis | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | Multiple |
| | Pars Distalis | Cyst | |
| * Prostate | | Corpora Amylacea | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 781 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 530 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59146 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Mammary Gland | Nose | Parathyroid Gland |
| Pituitary Gland | Preputial Gland | Salivary Glands | Seminal Vesicle |
| Skin | Stomach, Forestomach | Stomach, Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Hypospermia | Marked |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Marked |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| Pancreas | | Atrophy | Mild |
| Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,5-6 ] | | | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7,3-7 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 782 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59229 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Mammary Gland | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,4-23 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 1-21 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Moderate |
| | Mucosa | Metaplasia | Squamous, Moderate |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Distalis | Cyst | |

Note: A FEW ENLARGED CELLS WITHIN PARS DISTALIS; NOT CODED

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 782 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 729 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59229 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Angiectasis TGLS = 6-1 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Moderate |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-22,3-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 5-7 ] | | | |
| * Urinary Bladder | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 783 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59234 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |

**MISSING**

* Lymph Node, Mandibular

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Epididymis | | Hypospermia | Moderate |
| * Kidney | Renal Tubule | Dilatation | Moderate |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| Note: NEPHROPATHY IS CONFINED LARGELY TO THE LEFT KIDNEY | | | |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 4-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Carcinoma | |
| | | Corpora Amylacea | Moderate |
| [ Carcinoma TGLS = 1-7-2,1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7,2-7-3 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 783 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59234 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 784 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59656 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Liver | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pancreas | | Atrophy | Moderate |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 785 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59657 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Epididymis | | Hypospermia | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | | Inflammation | Subacute, Minimal |
| | Lobules | Necrosis | Minimal |
| [ Hepatodiaphragmatic Nodule TGLS = 4-21 ] | | | |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Mild |
| | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| Note: THE CYST CONTAINS OLD HEMORRHAGE AND DEGENERATED INFLAMMATORY CELLS | | | |
| [ Cyst TGLS = 6-1 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Skin | | Cyst Epithelial Inclusion | |
| | | Keratoacanthoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 785 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59657 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Cyst Epithelial Inclusion TGLS = 7-23 ] | | |
| [ Keratoacanthoma TGLS = 7-23 ] | | |
| * Testes | Bilateral, Interstit Cell | Adenoma |
| [ Adenoma TGLS = 1-7 ] | | |
| * Thyroid Gland | C Cell | Adenoma |
| Tongue | | Squamous Cell Papilloma |
| [ Squamous Cell Papilloma TGLS = 5-22 ] | | |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 786 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 716 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59658 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Parathyroid Gland | Preputial Gland | Salivary Glands |
| Seminal Vesicle | Skin | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| Adrenal Medulla | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Astrocytoma Malignant | |
| | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| Heart | | Cardiomyopathy | Moderate |
| Islets, Pancreatic | | Hyperplasia | Moderate |
| Kidney | | Cyst | |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 2-7 ] | | | |
| Pancreas | | Atrophy | Moderate |
| Pituitary Gland | | Leukemia Mononuclear | |
| Prostate | Epithelium | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 786 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 716 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59658 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Inflammation | Suppurative, Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |
| Stomach, Forestomach | | Ulcer | Moderate |
| [ Ulcer TGLS = 4-21 ] | | | |
| Stomach, Glandular | | Erosion | Mild |
| [ Erosion TGLS = 4-21 ] | | | |
| Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Moderate |
| [ Adenoma TGLS = 3-7 ] | | | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Brain | Astrocytoma Malignant |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 787 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59659 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Liver | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 788 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 709 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59660 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Esophagus |
| Intestine Large, Colon | Intestine Large, Rectum | Islets, Pancreatic | Mammary Gland |
| Nose | Parathyroid Gland | Preputial Gland | Salivary Glands |
| Seminal Vesicle | Skin | Stomach, Forestomach | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Adrenal Medulla | | Hyperplasia | Mild |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Hypospermia | |
| Heart | | Cardiomyopathy | Minimal |
| Intestine Large, Cecum | | Edema | Moderate |
| [ Edema TGLS = 14-25 ] | | | |
| Intestine Small, Duodenum | | Leukemia Mononuclear | |
| Intestine Small, Ileum | | Leukemia Mononuclear | |
| Intestine Small, Jejunum | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-24 ] | | | |
| Kidney | Renal Tubule | Atrophy | Mild |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 10-22 ] | | | |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 16-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 788 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 709 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59660 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 15-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 17-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | | |
| Mesentery | | Leukemia Mononuclear | |
| | Fat | Necrosis | Moderate |
| [ Leukemia Mononuclear TGLS = 6-21 ] | | | |
| [ Necrosis TGLS = 6-21 ] | | | |
| Pancreas | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| Prostate | | Corpora Amylacea | Moderate |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| Stomach, Glandular | | Leukemia Mononuclear | |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 789 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 619 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59147 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Epididymis | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Mammary Gland | Nose | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| Bone Marrow | | Leukemia Mononuclear | |
| Heart | | Cardiomyopathy | Moderate |
| | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 6-5 ] | | | |
| Liver | | Eosinophilic Focus | Moderate |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 8-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8,1-21 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 789 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 619 |
| | **DOSE:** 1.2% | **DISP:** Moribund | **HISTO:** 91-59147 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Pancreas | | Atrophy | Minimal |
| | | Leukemia Mononuclear | |
| Pituitary Gland | | Leukemia Mononuclear | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Inflammation | Suppurative, Minimal |
| Seminal Vesicle | | Leukemia Mononuclear | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Stomach, Glandular | | Leukemia Mononuclear | |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 2-7 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 790 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59661 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Intestine Large, Colon

**INSUFFICIENT TISSUE**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-21 ] | | | |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Mediastinal | Pigmentation | Marked |
| | Renal | Pigmentation | Marked |
| [ Hemorrhage TGLS = 8-3-1 ] | | | |
| [ Pigmentation TGLS = 9-22 ] | | | |
| [ Pigmentation TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Ectasia | Moderate |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Ectasia | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 790 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 730 |
| | **DOSE:** 1.2% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59661 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Ectasia TGLS = 3-8-1 ] | | |
| * Skin | Subcut Tiss | Fibroma |
| [ Fibroma TGLS = 4-8-1 ] | | |
| * Spleen | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | |
| * Testes | Bilateral, Interstit Cell | Adenoma |
| [ Adenoma TGLS = 6-7 ] | | |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 791 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60928 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

* Seminal Vesicle

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 4-21 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| | | Infiltration Cellular | Histiocyte, Minimal |
| [ Hyperplasia TGLS = 3-2-1 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thymus | | Ectopic Parathyroid Gland | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 791 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60928 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 792 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 579 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59148 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Brain | * Epididymis | * Esophagus | * Heart |
| * Intestine Large, Rectum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Preputial Gland | * Skin | * Stomach, Forestomach |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Bone Marrow | | Leukemia Mononuclear | |
| * Intestine Large, Cecum | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Leukemia Mononuclear | |
| * Intestine Small, Duodenum | | Leukemia Mononuclear | |
| * Intestine Small, Ileum | | Leukemia Mononuclear | |
| * Intestine Small, Jejunum | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-24 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 792 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 579 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59148 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 11-25 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-23 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| [ Cyst TGLS = 14-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Seminal Vesicle | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6,5-6,6-22 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Testes | Interstit Cell | Hyperplasia | Mild |
| * Thymus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-3 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 793 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 521 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59149 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Epididymis | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Bone Marrow | | Myelofibrosis | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Skin | | Keratoacanthoma | |
| Note: SQUAM CEL CARC APPEARS TO ARISE FROM A SEBACEOUS GLAND | | | |
| [ Keratoacanthoma TGLS = 2-21 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Minimal |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH - Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 794 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60929 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Intestine Large, Rectum

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Cecum | | Edema | Mild |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Clear Cell Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pancreas | | Atrophy | Moderate |
| | Acinus | Cytoplasmic Alteration | Minimal |
| * Preputial Gland | | Ectasia | Moderate |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 795 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 669 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59662 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Minimal |
| * Bone Marrow | | Hypercellularity | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 5-7-1 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| | | Thrombosis | |
| [ Thrombosis TGLS = 9-5-1 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | Centrilobular | Necrosis | Mild |
| * Pancreas | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 8-7 ] | | | |
| Peritoneum | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 6-21,7-22 ] | | | |
| * Preputial Gland | | Ectasia | Moderate |
| * Seminal Vesicle | | Mesothelioma Malignant | |
| * Spleen | | Hematopoietic Cell Proliferation | Marked |
| * Stomach, Glandular | | Erosion | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| | | Mesothelioma Malignant | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 795 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 669 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59662 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 4-7 ]

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Peritoneum | Mesothelioma Malignant |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 796 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 675 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59663 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Epididymis |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

* Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Mild |
| | Pancreatic | Pigmentation | Mild |
| Note: PANCREATIC LYMPH NODE (LEUKEMIA MONUC) IS ALSO PRESENT ON SLIDE 7 | | | |
| [ Leukemia Mononuclear TGLS = 6-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 796 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 675 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59663 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| | | Leukemia Mononuclear | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 9-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6,4-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 797 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60817 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lymph Node, Mandibular | * Mammary Gland | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Seminal Vesicle

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Moderate |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 7-26,8-27 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 4-8,10-5 ] | | | |
| * Nose | | Exudate | Moderate |
| | | Foreign Body | Mild |
| | | Fungus | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 797 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60817 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mucosa | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Intermed | Angiectasis | Mild |
| [ Adenoma TGLS = 11-1 ] | | | |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Chronic, Moderate |
| [ Ectasia TGLS = 3-8-1 ] | | | |
| [ Inflammation TGLS = 3-8-1 ] | | | |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Marked |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Hyperkeratosis TGLS = 1-21,2-22 ] | | | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 6-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-24 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 9-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 798 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 635 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59150 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Preputial Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| [ Cyst TGLS = 2-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| * Stomach, Glandular | | Mineralization | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 799 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 785 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60113 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Epididymis | | Hypospermia | Moderate |
| Eye | | Inflammation | Chronic, Marked |
| | | Schwannoma Malignant | |
| [ Inflammation TGLS = 1-21,2-21 ] | | | |
| [ Schwannoma Malignant TGLS = 4-9-1 ] | | | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | Mild |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 3-22 ] | | | |
| * Prostate | | Inflammation | Suppurative, Minimal |
| Note: MILD CHRONIC INFLAMMATION AND EPITHELIAL HYPERPLASIA ASSOC. WITH SUPPURATIVE INFLAMMATION; NOT CODED. | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 5-7 ] | | | |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH - Eye Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 800 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 876 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60930 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Esophagus | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| [ Angiectasis TGLS = 4-10 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| * Brain | | Necrosis | Moderate |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| | | Thrombosis | Moderate |
| [ Thrombosis TGLS = 8-24 ] | | | |
| * Intestine Large, Cecum | | Edema | Mild |
| * Kidney | Renal Tubule | Necrosis | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| | | Thrombosis | Mild |
| * Liver | | Basophilic Focus | Moderate |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 800 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 876 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60930 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Basophilic Focus TGLS = 5-21 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-7-3 ] | | | |
| [ Pigmentation TGLS = 3-7-3 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 7-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 801 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 540 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59151 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Lymph Node, Mandibular | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Preputial Gland | * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |
| **MISSING** | | | |
| * Thymus | | | |
| **AUTO PRECLUDES DIAG.** | | | |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Liver | * Lymph Node, Mesenteric | * Pancreas | * Spleen |
| * Stomach, Glandular | | | |
| **OBSERVATIONS** | | | |
| * Heart | | Cardiomyopathy | Moderate |
| * Lung | | Edema | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Moderate |
| [ Acanthosis TGLS = 2-21 ] | | | |
| [ Hyperkeratosis TGLS = 2-21 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| PRIMARY CAUSE OF DEATH | - UNCERTAIN | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 802 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 737 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59664 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Intestine Large, Cecum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

| | |
|---|---|
| * Brain | * Intestine Large, Colon |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Cyst | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Cyst TGLS = 7-23 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 4-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 802 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 737 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59664 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Moderate |
| * Preputial Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Leukemia Mononuclear | |
| [ Hematopoietic Cell Proliferation TGLS = 6-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 803 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 796 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60114 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Thrombosis | Moderate |
| [ Thrombosis TGLS = 10-25 ] | | | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 9-24 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-23 ] | | | |
| [ Pigmentation TGLS = 6-23 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Mesentery | | Leukemia Mononuclear | |
| | Fat | Necrosis | Marked |
| [ Leukemia Mononuclear TGLS = 3-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 803 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 796 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60114 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Necrosis TGLS = 3-22 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| [ Atrophy TGLS = 5-7 ] | | | |
| * Skin | Subcut Tiss | Lipoma | |
| [ Lipoma TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Adenoma | |
| [ Adenoma TGLS = 7-3 ] | | | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Eosinophilic Focus;Skin Subcut Tiss Lipoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 804 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 844 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60179 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | Moderate |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| | | Thrombosis | Mild |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 5-22 ] | | | |
| * Nose | | Exudate | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 804 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 844 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60179 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Moderate |
| | Mucosa | Metaplasia | Squamous, Moderate |
| * Pancreas | | Atrophy | Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| * Skin | | Ulcer | Marked |
| [ Ulcer TGLS = 9-23 ] | | | |
| * Spleen | | Fibrosis | Marked |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 4-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 805 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 674 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59665 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | Peripheral Nerve | * Preputial Gland | * Salivary Glands |
| * Seminal Vesicle | Spinal Cord | * Spleen | * Stomach, Forestomach |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Bone Marrow | | Myelofibrosis | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lung | | Inflammation | Subacute, Minimal |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Skin | Subcut Tiss | Fibroma | |
| | Subcut Tiss | Melanoma Malignant | |
| [ Fibroma TGLS = 5-22 ] | | | |
| [ Melanoma Malignant TGLS = 1-21 ] | | | |
| * Stomach, Glandular | | Erosion | Moderate |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 805 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 674 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59665 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 2-7 ]

* Urin Bladder

Note: MODERATE DILATATION OF URINARY BLADDER (TGL 4); MORPHOLOGY NOT AVAILABLE ON TDMS.

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Skin Subcut Tiss Melanoma Malignant |
| CONTRIBUTORY CAUSE OF DEATH | - Skin Subcut Tiss Fibroma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 806 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 844 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60180 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Parathyroid Gland | Peripheral Nerve | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | Spinal Cord |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | Urethra | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Cyst | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Dilatation | Moderate |
| | | Hydronephrosis | Mild |
| | | Mineralization | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Hydronephrosis TGLS = 10-5 ] | | | |
| * Liver | Kupffer Cell | Leukemia Mononuclear | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| [ Alveolar/Bronchiolar Adenoma TGLS = 13-2-1 ] | | | |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Mediastinal | Pigmentation | Mild |
| [ Hemorrhage TGLS = 12-3-1 ] | | | |
| [ Pigmentation TGLS = 12-3-1 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Mild |
| [ Atrophy TGLS = 11-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 806 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 844 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60180 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Prostate | | Inflammation | Suppurative, Marked |
| [ Inflammation TGLS = 5-7-2 ] | | | |
| * Sem Ves | | | |
| Note: SEMINAL VESICLE MARKEDLY DILATED (TGL 4); MORPHOLOGY NOT AVAILABLE ON TDMS. | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Marked |
| [ Adenoma TGLS = 2-7 ] | | | |
| [ Atrophy TGLS = 1-7 ] | | | |
| Urethra | | | |
| Note: DILATATION OF URETHRA,BULBOURETHRAL GLAND (TGL 3); MORPHOLOGY NOT AVAILABLE ON TDMS. | | | |
| * Urinary Bladder | Transit Epithe | Carcinoma | |
| | | Hemorrhage | Marked |
| | Transit Epithe | Hyperplasia | Moderate |
| | Transit Epithe | Papilloma | |
| [ Carcinoma TGLS = 7-8 ] | | | |
| [ Hemorrhage TGLS = 6-8 ] | | | |
| [ Papilloma TGLS = 7-8 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Urinary Bladder Transit Epithe Papilloma |
| CONTRIBUTORY CAUSE OF DEATH | - Prostate Inflammation |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 807 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60818 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Lung | * Mammary Gland |
| * Nose | * Preputial Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Angiectasis | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Small, Ileum | | Sarcoma | |
| * Islets, Pancreatic | | Adenoma | |
| Note: ADENOMA IS ON SLIDE 5. | | | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | Moderate |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Lung | | | |
| Note: AREA OF FIBROSIS ON PLEURAL SURFACE, PROBABLY ASSOC. WITH LEUKEMIA; NOT CODED. | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 4-3-1 ] | | | |
| [ Pigmentation TGLS = 4-3-1 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 807 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60818 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Prostate | | Corpora Amylacea | Moderate |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 808 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60931 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Trachea | * Urinary Bladder |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Mild |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Cecum | | Edema | Mild |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | |
| * Nose | | Exudate | Moderate |
| | | Fungus | Moderate |
| | Mucosa | Hyperplasia | Minimal |
| * Pancreas | Acinar Cell | Adenoma | |
| | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Chronic, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 808 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60931 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Thyroid Gland | Follicle | Cyst |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 809 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59666 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Hypertrophy | Focal, Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6,5-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Prostate | Epithelium | Hyperplasia | Minimal |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 4-21 ] | | | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 6-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 809 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59666 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| CONTRIBUTORY CAUSE OF DEATH | - Skin Keratoacanthoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 810 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59667 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Minimal |
| | | Leukemia Mononuclear | |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Moderate |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| [ Necrosis TGLS = 3-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Iliac | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-21 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 810 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59667 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Preputial Gland | | Adenoma | |
| | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 811 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 798 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60115 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Cecum | | Edema | Mild |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Angiectasis | Mild |
| | Bile Duct | Hyperplasia | Mild |
| | Hepatocyte | Hyperplasia | Focal, Mild |
| | | Leukemia Mononuclear | |
| [ Angiectasis TGLS = 7-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6,8-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Preputial Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Minimal |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 811 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 798 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60115 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Prostate | | Corpora Amylacea | Mild |
| * Spleen | | Leukemia Mononuclear | |
| Note: [ Leukemia Monuc ] TGLs = 2-6,3-6 | | | |
| [ Leukemia Mononuclear TGLS = 2-6,3-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 5-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 812 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 737 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59668 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Lymph Node, Mandibular

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Degeneration | Fatty, Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Degeneration | Cystic, Moderate |
| | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 6-23 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 6-23 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Salivary Glands | | Schwannoma Malignant | |
| [ Schwannoma Malignant TGLS = 2-22 ] | | | |
| * Skin | Subcut Tiss | Melanoma Benign | |
| [ Melanoma Benign TGLS = 1-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 812 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 737 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59668 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 7-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7,4-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Salivary Glands Schwannoma Malignant;Skin Subcut Tiss Melanoma Benign |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 813 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60819 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Nose | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 9-1-1 ] | | | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | Mild |
| | | Eosinophilic Focus | Moderate |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | | Infiltration Cellular | Histiocyte, Minimal |
| [ Alveolar/Bronchiolar Carcinoma TGLS = 11-2-1 ] | | | |
| * Lymph Node, Mesenteric | | Hemorrhage | Minimal |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pancreas | Acinus | Adenoma | Multiple |
| Note: ADENOMA IN ACINUS ALSO PRESENT ON SLIDE 7. | | | |
| [ Adenoma TGLS = 5-22,7-7-3 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 10-1 ] | | | |
| * Preputial Gland | | Hyperplasia | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 813 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60819 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Inflammation | Suppurative, Moderate |
| [ Hyperplasia TGLS = 3-8-1 ] | | | |
| [ Inflammation TGLS = 3-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Minimal |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Moderate |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Hyperkeratosis TGLS = 1-21 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Seminif Tub | Atrophy | Marked |
| [ Adenoma TGLS = 6-7 ] | | | |
| [ Atrophy TGLS = 4-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 814 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60820 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| [ Angiectasis TGLS = 12-10 ] | | | |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| | | Pheochromocytoma Malignant | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Cecum | | Edema | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Moderate |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Angiectasis | Moderate |
| | | Eosinophilic Focus | Moderate |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| Note: ANGIECTASIS IS ON SLIDE 23 | | | |
| [ Eosinophilic Focus TGLS = 8-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-23 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-7-3 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 814 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60820 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 14-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 4-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-22 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 10-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 815 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 633 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59152 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Hydrocephalus | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-1 ] | | | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Iliac | Hemorrhage | Moderate |
| | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 13-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 815 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 633 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59152 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 13-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8,2-8-2 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-5,11-21 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Preputial Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Stomach, Glandular | | Edema | Moderate |
| | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| | | Leukemia Mononuclear | |
| [ Adenoma TGLS = 6-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 816 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59669 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-2 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 816 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 723 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59669 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| Zymbal's Gland<br>[ Carcinoma TGLS = 5-21 ] | Carcinoma |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Zymbal's Gland Carcinoma |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 817 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 499 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59153 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Epididymis | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Preputial Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-2 ] | | | |
| Lymph Node | Pancreatic | Necrosis | Marked |
| [ Necrosis TGLS = 2-21 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| | | Hyperplasia | Lymphoid, Mild |
| * Pancreas | | Atrophy | Minimal |
| | | Inflammation | Chronic, Marked |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Spleen | | Inflammation | Chronic, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 817 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 499 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59153 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| | | Necrosis | Moderate |
| [ Inflammation TGLS = 5-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6,4-6 ] | | | |
| * Testes | Interstit Cell | Hyperplasia | Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 818 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 844 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60181 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Epididymis | | Hypospermia | Moderate |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Preputial Gland | | Adenoma | |
| [ Adenoma TGLS = 2-8-1 ] | | | |
| * Prostate | | Corpora Amylacea | Moderate |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Skin Subcut Tiss Fibroma |
| CONTRIBUTORY CAUSE OF DEATH | - Preputial Gland Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 819 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60932 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Nose |
| * Parathyroid Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Inflammation | Subacute, Mild |
| [ Inflammation TGLS = 6-2-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Intermed | Angiectasis | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 819 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60932 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Adenoma TGLS = 5-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Moderate |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 820 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 807 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60116 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung |
| * Lymph Node, Mandibular | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 5-7-1 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | | Carcinoma | |
| [ Carcinoma TGLS = 6-22 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | Mild |
| [ Basophilic Focus TGLS = 10-25 ] | | | |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Mediastinal | Pigmentation | Marked |
| [ Hemorrhage TGLS = 9-3-1 ] | | | |
| [ Pigmentation TGLS = 9-3-1 ] | | | |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Mild |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Nose | | Exudate | Moderate |
| * Pancreas | Acinus | Cytoplasmic Alteration | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 820 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 807 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60116 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Mesothelioma Malignant | |
| Peritoneum | | Mesothelioma Malignant | |
| [ Mesothelioma Malignant TGLS = 4-21,7-23,8-24 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| | | Mesothelioma Malignant | |
| [ Adenoma TGLS = 3-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Peritoneum Mesothelioma Malignant |
| CONTRIBUTORY CAUSE OF DEATH | - Islets;Pancreatic Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 821 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 641 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59154 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Parathyroid Gland | * Preputial Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

| | |
|---|---|
| * Mammary Gland | * Pituitary Gland |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hypertrophy | Focal, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Hydrocephalus | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-1 ] | | | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Necrosis TGLS = 8-5,8-5-1 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 821 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 641 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59154 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-2 ] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Mild |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 6-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Stomach, Glandular | | Erosion | Mild |
| | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 822 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 869 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60933 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Nose | * Parathyroid Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

| | |
|---|---|
| * Esophagus | * Thymus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Moderate |
| | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Thrombosis | Moderate |
| [ Thrombosis TGLS = 8-5,8-5-1 ] | | | |
| * Intestine Large, Cecum | | Edema | Mild |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| [ Pigmentation TGLS = 7-6 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 822 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 869 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60933 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | Multiple |
| * Preputial Gland | | Ectasia | Mild |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Moderate |
| | | Inflammation | Chronic, Mild |
| [ Acanthosis TGLS = 9-22 ] | | | |
| [ Hyperkeratosis TGLS = 9-22 ] | | | |
| [ Inflammation TGLS = 9-22 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 823 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 508 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59155 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Epididymis | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Preputial Gland | * Salivary Glands | * Thyroid Gland |
| * Trachea | | | |

**AUTO PRECLUDES DIAG.**

* Intestine Small, Jejunum

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| Note: EXTENSIVE NECROSIS ASSOC. WITH LEUKEMIA IN BRAIN | | | |
| [ Leukemia Mononuclear TGLS = 13-1,13-1-1 ] | | | |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Necrosis TGLS = 9-5 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Moderate |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 823 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 508 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59155 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-5 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| | | Leukemia Mononuclear | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Seminal Vesicle | | Leukemia Mononuclear | |
| * Skin | Subcut Tiss | Melanoma Benign | |
| [ Melanoma Benign TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6,14-22 ] | | | |
| * Stomach, Forestomach | | Leukemia Mononuclear | |
| * Stomach, Glandular | | Erosion | Mild |
| | | Leukemia Mononuclear | |
| [ Erosion TGLS = 15-23 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Minimal |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Urinary Bladder | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-8 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 824 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 827 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-60117 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hematopoietic Cell Proliferation | Moderate |
| * Bone Marrow | | Hypercellularity | Moderate |
| * Epididymis | | Hypospermia | Moderate |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Mixed Cell Focus | |
| [ Basophilic Focus TGLS = 5-23 ] | | | |
| [ Clear Cell Focus TGLS = 5-23 ] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | Alveolar Epith | Hyperplasia | Mild |
| | | Infiltration Cellular | Histiocyte, Mild |
| * Mammary Gland | | Carcinoma | |
| [ Carcinoma TGLS = 1-21 ] | | | |
| Mesentery | Fat | Necrosis | Mild |
| [ Necrosis TGLS = 4-22 ] | | | |
| * Prostate | | Corpora Amylacea | Moderate |
| * Spleen | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 824 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 827 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-60117 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Mammary Gland Carcinoma |
| CONTRIBUTORY CAUSE OF DEATH | - Lung Alveolar/Bronchiolar Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 825 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 806 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60118 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Esophagus | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| * Brain | | Necrosis | Moderate |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-5 ] | | | |
| * Intestine Large, Cecum | | Edema | Moderate |
| | | Ulcer | Marked |
| [ Edema TGLS = 11-24 ] | | | |
| [ Ulcer TGLS = 11-24 ] | | | |
| * Kidney | Renal Tubule | Necrosis | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Moderate |
| | | Thrombosis | Minimal |
| [ Necrosis TGLS = 7-5 ] | | | |
| [ Nephropathy TGLS = 7-5 ] | | | |
| [ Pigmentation TGLS = 7-5 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 825 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 806 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60118 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Moderate |
| | Kupffer Cell | Pigmentation | Mild |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| [ Necrosis TGLS = 9-22 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| Note: PORTIONS OF PANCREATIC LYMPH NODE MARKEDLY NECROTIC; NOT CODED. | | | |
| [ Leukemia Mononuclear TGLS = 5-7-3 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| | Acinus | Hyperplasia | Focal, Moderate |
| | | Leukemia Mononuclear | |
| * Prostate | | Corpora Amylacea | Moderate |
| * Skin | | Cyst Epithelial Inclusion | |
| [ Cyst Epithelial Inclusion TGLS = 14-25 ] | | | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| [ Fibrosis TGLS = 4-21 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-4-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 826 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 536 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59156 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Epididymis | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Mild |
| * Brain | | Leukemia Mononuclear | |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Marked |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8,1-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-25 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 826 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 536 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59156 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 15-27 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-24 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| | | Leukemia Mononuclear | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Moderate |
| * Salivary Glands | | Atrophy | Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6,8-23 ] | | | |
| * Stomach, Glandular | | Erosion | Moderate |
| | | Leukemia Mononuclear | |
| [ Erosion TGLS = 16-28 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Moderate |
| [ Adenoma TGLS = 5-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-3 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 827 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 737 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59670 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Mammary Gland | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Seminal Vesicle | * Skin | * Thyroid Gland |
| * Trachea | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-23 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Mild |
| | Mucosa | Hyperplasia | Mild |
| | Mucosa | Metaplasia | Squamous, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 827 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 737 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59670 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Leukemia Mononuclear | |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 4-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6,3-21 ] | | | |
| * Stomach, Forestomach | | Leukemia Mononuclear | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-4-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Urinary Bladder | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 828 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 90 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 89-51333 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Liver | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | |
|---|---|---|
| * Lung | Congestion | Moderate |

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 829 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 498 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59157 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Epididymis | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**INSUFFICIENT TISSUE**

* Skin

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7,6-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Nose | Mucosa | Hyperplasia | Minimal |
| * Prostate | | Inflammation | Suppurative, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Testes | Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 829 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 498 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 91-59157 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 830 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60934 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Mild |
| | | Hypertrophy | Focal, Mild |
| * Epididymis | | Hypospermia | Moderate |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Granuloma | Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Moderate |
| | | Pigmentation | Mild |
| * Nose | | Exudate | Moderate |
| | | Fungus | Mild |
| | Mucosa | Metaplasia | Squamous, Minimal |
| * Pancreas | Acinus | Hyperplasia | Focal, Mild |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Preputial Gland | | Inflammation | Suppurative, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Moderate |
| * Skin | | Acanthosis | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 830 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60934 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Hyperkeratosis | Moderate |
| | | Inflammation | Chronic, Mild |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Hyperkeratosis TGLS = 1-21 ] | | | |
| [ Inflammation TGLS = 1-21 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 831 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 687 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59671 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Parathyroid Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| | | Necrosis | Mild |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone | Femur | Osteopetrosis | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 2-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| [ Cyst TGLS = 8-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 831 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 687 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59671 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Preputial Gland | | Inflammation | Chronic, Mild |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 6-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| * Thyroid Gland | Follicular Cel | Hyperplasia | Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 832 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60821 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Moderate |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Intestine Large, Cecum | | Edema | Mild |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Angiectasis | Mild |
| | | Basophilic Focus | Minimal |
| | | Granuloma | Minimal |
| | | Leukemia Mononuclear | |
| [ Angiectasis TGLS = 3-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Pancreas | Acinus | Cytoplasmic Alteration | Minimal |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | | Inflammation | Suppurative, Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 832 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60821 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Spleen | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 4-7 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 833 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 807 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60119 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Skin

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| | | Thrombosis | Mild |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| Note: THE LESION ON SLIDE 22 INCLUDES THICKENED, FIBROTIC MENINGES AND FOCAL MINERALIZATION CONSIDERED DUE TO LEUKEMIA MONUC. | | | |
| [ Leukemia Mononuclear TGLS = 9-22 ] | | | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 833 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 807 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60119 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Marked |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7-3 ] | | | |
| [ Pigmentation TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 2-21 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 834 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60822 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Parathyroid Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 6-1-1 ] | | | |
| * Epididymis | | Hypospermia | Moderate |
| * Kidney | | Nephropathy | Moderate |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 2-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Hyperplasia | Mild |
| * Nose | | Exudate | Moderate |
| | Mucosa | Metaplasia | Squamous, Mild |
| Oral Mucosa | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 9-24 ] | | | |
| * Pancreas | Acinus | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 834 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60822 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 4-1 ] | | | |
| * Skin | | Acanthosis | Mild |
| | | Hyperkeratosis | Mild |
| | | Inflammation | Chronic, Mild |
| [ Acanthosis TGLS = 8-23 ] | | | |
| [ Hyperkeratosis TGLS = 8-23 ] | | | |
| [ Inflammation TGLS = 8-23 ] | | | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 3-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-6-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 835 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 755 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59711 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Liver | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Parathyroid Gland | * Preputial Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Heart | | Cardiomyopathy | Moderate |
| * Islets, Pancreatic | | Carcinoma | |
| [ Carcinoma TGLS = 3-5 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Mesentery | Fat | Necrosis | Moderate |
| [ Necrosis TGLS = 2-22 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Prostate | | Inflammation | Suppurative, Moderate |
| * Spleen | | Fibrosis | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| [ Fibrosis TGLS = 1-21 ] | | | |
| * Testes | Seminif Tub | Atrophy | Marked |
| * Thymus | | Thymoma Benign | |
| [ Thymoma Benign TGLS = 4-3 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Islets, Pancreatic Carcinoma |
| CONTRIBUTORY CAUSE OF DEATH | - Thymus Thymoma Benign |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 836 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 54 |
| | **DOSE:** 1.2% | **DISP:** Natural Death | **HISTO:** 89-51334 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Epididymis | | Atypia Cellular | |
| | | Hypospermia | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Congestion | Moderate |
| [ Congestion TGLS = 3-6 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Testes | Seminif Tub | Atrophy | Moderate |
| [ Atrophy TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 837 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60935 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Parathyroid Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Moderate |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 4-22 ] | | | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 3-21 ] | | | |
| * Nose | Mucosa | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Preputial Gland | | Inflammation | Suppurative, Mild |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Minimal |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 838 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 589 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59158 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Atypia Cellular | Moderate |
| | | Hypospermia | Moderate |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 8-5 ] | | | |
| [ Pigmentation TGLS = 8-5 ] | | | |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 9-6,10-23 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 9-6 ] | | | |
| Lymph Node | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 11-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 838 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 589 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59158 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 12-25 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mesentery | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-22 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Marked |
| [ Cyst TGLS = 14-1 ] | | | |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Prostate | | Corpora Amylacea | Mild |
| | Epithelium | Hyperplasia | Minimal |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 4-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Stomach, Glandular | | Erosion | Mild |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 2-7 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 839 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60936 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**MISSING**

* Esophagus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Angiectasis | Moderate |
| | | Hyperplasia | Focal, Mild |
| * Epididymis | | Hypospermia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Lymph Node, Mesenteric | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 4-5 ] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Preputial Gland | | Inflammation | Chronic, Mild |
| * Skin | | Acanthosis | Mild |
| | | Hyperkeratosis | Moderate |
| [ Acanthosis TGLS = 6-21 ] | | | |
| [ Hyperkeratosis TGLS = 6-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 839 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 897 |
| | **DOSE:** 1.2% | **DISP:** Terminal Sacrifice | **HISTO:** 92-60936 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 3-6-1 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 1-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 840 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 775 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59839 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Nose | * Parathyroid Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | Urethra | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Epididymis | | Hypospermia | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Testes | Bilateral, Interstit Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 840 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 775 |
| | **DOSE:** 1.2% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59839 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Adenoma TGLS = 2-7 ]

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

Animal Note: BULBOURETHRAL GLAND CONTAINS MATERIAL RESEMBLING INSPISSATED SECRETIONS; NOT COD ED.

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 841 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55186 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lung | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Pancreas | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**MISSING**

Intestine Small, Ileum

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Clear Cell Focus | |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| Preputial Gland | | Inflammation | Chronic, Minimal |
| Testes | Interstit Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 842 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55187 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Liver | Lymph Node, Mandibular |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Pituitary Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Spleen | Stomach, Forestomach | Stomach, Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Heart | | Cardiomyopathy | Minimal |
| Intestine Large, Rectum | | Parasite Metazoan | |
| Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| Lung | Alveolar Epith | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 1-2-1 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Preputial Gland | | Inflammation | Chronic, Minimal |
| Testes | Interstit Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 843 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55188 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Trachea |
| Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Heart | | Cardiomyopathy | Minimal |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Corpora Amylacea | Minimal |
| | | Inflammation | Suppurative, Minimal |
| Testes | Bilateral, Interstit Cell | Adenoma | |
| [ Adenoma TGLS = 3-7 ] | | | |
| Thyroid Gland | C Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 844 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55189 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Parathyroid Gland |
| Pituitary Gland | Prostate | Salivary Glands | Seminal Vesicle |
| Skin | Stomach, Forestomach | Stomach, Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Hyperplasia | Focal, Minimal |
| Intestine Large, Rectum | | Parasite Metazoan | |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Lymph Node, Mandibular | | Hemorrhage | Moderate |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Preputial Gland | | Inflammation | Chronic, Mild |
| [ Inflammation TGLS = 3-8-1 ] | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 845 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55190 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Myelofibrosis | Mild |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Mesentery | Fat | Necrosis | Mild |
| [ Necrosis TGLS = 1-21 ] | | | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Corpora Amylacea | Minimal |
| | | Inflammation | Suppurative, Moderate |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Minimal |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 846 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55191 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Seminal Vesicle |
| Skin | Spleen | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Minimal |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Nose | | Exudate | |
| | | Foreign Body | Mild |
| | Mucosa | Hyperplasia | Minimal |
| Pancreas | | Atrophy | Minimal |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Inflammation | Suppurative, Minimal |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| [ Adenoma TGLS = 1-7-3 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 847 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55192 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Clear Cell Focus | |
| Preputial Gland | | Inflammation | Chronic, Minimal |
| Prostate | | Corpora Amylacea | Minimal |
| Testes | Interstit Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 848 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55193 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Epididymis | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric |
| Nose | Parathyroid Gland | Pituitary Gland | Prostate |
| Salivary Glands | Seminal Vesicle | Skin | Spleen |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**MISSING**

Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Pancreas | | Atrophy | Minimal |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Testes | Interstit Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 849 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55194 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Epididymis | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Pancreas | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Seminal Vesicle | Skin | Spleen | Stomach, Forestomach |
| Stomach, Glandular | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| Note: MODERATE LYMPHOID HYPERPLASIA ASSOC. WITH LESION ON SLIDE 22; NOT CODED. | | | |
| [ Eosinophilic Focus TGLS = 1-21 ] | | | |
| [ Hyperplasia TGLS = 2-22 ] | | | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| Prostate | | Corpora Amylacea | Minimal |
| | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Mild |
| Thymus | | Hemorrhage | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 850 | **TRT#:** 3 | **SEX:** Male | **DAY ON TEST:** 457 |
| | **DOSE:** 1.2% | **DISP:** Interval Sacrifice | **HISTO:** 90-55195 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Lymph Node, Mesenteric | Mammary Gland | Parathyroid Gland |
| Prostate | Salivary Glands | Seminal Vesicle | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| Bone Marrow | | Leukemia Mononuclear | |
| Epididymis | | Atypia Cellular | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Nose | | Exudate | |
| | | Fungus | |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Cyst | |
| Preputial Gland | | Inflammation | Chronic, Mild |
| | | Inflammation | Suppurative, Moderate |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| [ Inflammation TGLS = 1-8-1 ] | | | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Testes | Interstit Cell | Adenoma | |
| | Interstit Cell | Hyperplasia | Minimal |
| [ Adenoma TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 851 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59672 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 1-21 ] | | | |
| * Clitoral Gland | | Inflammation | Suppurative, Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 3-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mesenteric | | Hemorrhage | Moderate |
| * Mammary Gland | | Ectasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 2-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | | Mast Cell Tumor Benign | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 852 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59673 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| * Spleen | | Leukemia Mononuclear | |
| * Uterus | | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 853 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 564 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Dead | **HISTO:** 91-59121 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone Marrow | Clitoral Gland |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Lymph Node, Mandibular | Lymph Node, Mesenteric | Nose |
| Ovary | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Mild |
| Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 3-9-2 ] | | | |
| [ Osteopetrosis TGLS = 4-21 ] | | | |
| Brain | | Astrocytoma Malignant | |
| [ Astrocytoma Malignant TGLS = 6-1 ] | | | |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Lung | | Congestion | Moderate |
| [ Congestion TGLS = 2-2 ] | | | |
| Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Brain Astrocytoma Malignant |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 854 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59674 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| Eye | | Cataract | Moderate |
| | Retina | Degeneration | Marked |
| [ Cataract TGLS = 1-21 ] | | | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Mixed Cell Focus | |
| [ Basophilic Focus TGLS = 5-6 ] | | | |
| [ Eosinophilic Focus TGLS = 5-6 ] | | | |
| [ Mixed Cell Focus TGLS = 5-6 ] | | | |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 855 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 687 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59675 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Nose |
| Parathyroid Gland | Salivary Glands | Skin | Stomach, Glandular |
| Trachea | | | |

**MISSING**

Blood Vessel

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Degeneration | Fatty, Mild |
| | | Leukemia Mononuclear | |
| Blood Vessel | | | |
| Note: AORTA IS MISSING | | | |
| Bone | Cranium | Osteopetrosis | Mild |
| | Femur | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 18-25 ] | | | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | | |
| Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 10-6 ] | | | |
| [ Hepatodiaphragmatic Nodule TGLS = 11-23 ] | | | |
| Lung | Alveolar Epith | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| [ Hyperplasia TGLS = 14-2-1 ] | | | |
| Lymph Node | Iliac | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 855 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 687 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59675 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 15-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-27 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Ovary | | Leukemia Mononuclear | |
| Pancreas | | Leukemia Mononuclear | |
| Pituitary Gland | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 19-1 ] | | | |
| Spleen | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-21,7-22 ] | | | |
| Stomach, Forestomach | | Leukemia Mononuclear | |
| Thymus | | Leukemia Mononuclear | |
| Thyroid Gland | C Cell | Adenoma | |
| Urinary Bladder | | Leukemia Mononuclear | |
| Uterus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 856 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59235 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Carcinoma | |
| [ Carcinoma TGLS = 3-22 ] | | | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 7-24 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-2 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Intermed | Cyst | |
| [ Cyst TGLS = 6-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,2-21 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 857 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59676 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

| | | | |
|---|---|---|---|
| **OBSERVATIONS** | | | |
| * Adrenal Cortex | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 2-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Galactocele | |
| [ Galactocele TGLS = 1-21 ] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| [ Hyperplasia TGLS = 3-1 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 858 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59236 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Bone | Femur | Osteopetrosis | Mild |
| * Clitoral Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 2-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Moderate |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,1-21 ] | | | |
| * Uterus | | Hydrometra | Moderate |
| | | Hyperplasia | Cystic, Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 858 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59236 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Hydrometra TGLS = 4-7 ]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 859 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 687 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59677 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Clitoral Gland | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Nose | Ovary | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thyroid Gland | Trachea | Urinary Bladder | Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Bone Marrow | | Leukemia Mononuclear | |
| Intestine Large, Colon | | Parasite Metazoan | |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| [ Infiltration Cellular TGLS = 8-2 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 6-22 ] | | | |
| [ Pigmentation TGLS = 6-22 ] | | | |
| Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| [ Ectasia TGLS = 1-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| Mammary Gland | | Ectasia | Moderate |
| Pancreas | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 859 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 687 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59677 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| Pituitary Gland | Leukemia Mononuclear | |
| Spleen | Fibrosis | Moderate |
| | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 5-21 ] | | |
| [ Leukemia Mononuclear TGLS = 2-6,3-6 ] | | |
| Thymus | Leukemia Mononuclear | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 860 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59237 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Hypertrophy | Focal, Mild |
| * Intestine Small, Jejunum | | Leiomyosarcoma | |
| [ Leiomyosarcoma TGLS = 3-22 ] | | | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 4-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 861 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 624 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Dead | **HISTO:** 91-59122 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Parathyroid Gland | Salivary Glands |
| Skin | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**AUTO PRECLUDES DIAG.**

| | |
|---|---|
| Islets, Pancreatic | Pancreas |

**INSUFFICIENT TISSUE**

Stomach, Forestomach

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Medulla | | Pheochromocytoma Malignant | |
| [ Pheochromocytoma Malignant TGLS = 1-21 ] | | | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Lung | | Congestion | Mild |
| Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Malignant

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 862 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59678 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Moderate |
| | | Hypertrophy | Focal, Moderate |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 1-21 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Ovary | | Cyst | |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Intermed | Cyst | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 863 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 674 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59679 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone Marrow | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | Vagina | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| Bone | Cranium | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 8-23 ] | | | |
| Brain | | Compression | Moderate |
| | | Hydrocephalus | Moderate |
| [ Compression TGLS = 5-1-1 ] | | | |
| Clitoral Gland | | Ectasia | Moderate |
| | | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Moderate |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Inflammation TGLS = 2-8 ] | | | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Mineralization | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Mixed Cell Focus | |
| [ Clear Cell Focus TGLS = 4-21 ] | | | |
| [ Mixed Cell Focus TGLS = 7-22 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 863 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 674 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59679 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Lymph Node, Mandibular | | Hemorrhage | Minimal |
| | | Pigmentation | Mild |
| Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 6-1 ] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Moderate |

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 864 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59680 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Inflammation TGLS = 2-8 ] | | | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 3-6 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| [ Angiectasis TGLS = 4-1 ] | | | |
| [ Hyperplasia TGLS = 4-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 865 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 705 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59681 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Blood Vessel | Bone | Brain |
| Clitoral Gland | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Nose | Ovary |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| Note: PROLIFERATION OF LARGE PALE-STAINING CELLS ALONG THE INTIMAL SURFACE OF NUMEROUS BLOOD VESSELS, PRIMARILY PULMONARY VEINS; NOT CODED | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-3-1 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Minimal |
| Pancreas | | Atrophy | Mild |
| Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,2-6 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 865 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 705 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59681 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| Stomach, Forestomach | Ulcer | Marked |
| Stomach, Glandular | Erosion | Moderate |
| [ Erosion TGLS = 6-21 ] | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 866 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59682 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 1-6 ] | | | |
| * Lymph Node, Mesenteric | | Hemorrhage | Minimal |
| * Mammary Gland | | Ectasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 867 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59683 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 868 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59684 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Mild |
| * Brain | | Compression | Moderate |
| * Clitoral Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 6-8 ] | | | |
| [ Inflammation TGLS = 6-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | | Hepatodiaphragmatic Nodule | |
| [ Eosinophilic Focus TGLS = 7-23 ] | | | |
| [ Hepatodiaphragmatic Nodule TGLS = 3-22 ] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| [ Alveolar/Bronchiolar Adenoma TGLS = 5-2-1 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 868 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59684 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Fibroadenoma | |
| [ Ectasia TGLS = 1-8 ] | | | |
| [ Fibroadenoma TGLS = 2-21 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 4-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 869 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59238 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| * Clitoral Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 3-8 ] | | | |
| Eye | | Cataract | Moderate |
| | Retina | Degeneration | Moderate |
| [ Cataract TGLS = 1-21 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 5-6 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 4-22 ] | | | |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 870 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59685 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Hyperplasia | Focal, Mild |
| * Kidney | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| [ Basophilic Focus TGLS = 5-23 ] | | | |
| [ Hepatodiaphragmatic Nodule TGLS = 3-22 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| Note: THE FIBROADENOMA CONTAINS AREAS OF CELLULAR ATYPIA | | | |
| [ Fibroadenoma TGLS = 2-21 ] | | | |
| * Ovary | | Cyst | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 871 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59239 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Pheochromocytoma Complex | |
| [ Pheochromocytoma Complex TGLS = 6-23 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 4-8 ] | | | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | Multiple |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Fibroadenoma TGLS = 1-21,5-22 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 7-1 ] | | | |
| * Skin | | Acanthosis | Marked |
| | | Hyperkeratosis | Moderate |
| [ Acanthosis TGLS = 8-24 ] | | | |
| [ Hyperkeratosis TGLS = 8-24 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 871 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59239 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 872 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 712 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59686 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone Marrow | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric |
| Nose | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 6-23 ] | | | |
| Brain | | Compression | Marked |
| [ Compression TGLS = 8-1-1 ] | | | |
| Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 3-8 ] | | | |
| Intestine Large, Colon | | Parasite Metazoan | |
| Kidney | | Mineralization | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Mixed Cell Focus | |
| [ Basophilic Focus TGLS = 5-22 ] | | | |
| [ Mixed Cell Focus TGLS = 5-22 ] | | | |
| Lung | Alveolar Epith | Hyperplasia | Minimal |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| [ Pigmentation TGLS = 2-8 ] | | | |
| Mammary Gland | | Carcinoma | |
| | | Hyperplasia | Minimal |
| [ Carcinoma TGLS = 4-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 872 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 712 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59686 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Ovary | | Granulosa Cell Tumor Benign | |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 7-1 ] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Moderate |
| Thyroid Gland | C Cell | Adenoma | |
| | Follicular Cel | Adenoma | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 873 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59687 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | Eye |
| * Heart | * Intestine Large, Cecum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hypertrophy | Focal, Minimal |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| [ Basophilic Focus TGLS = 2-22 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 874 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 677 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59688 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Skin | Stomach, Forestomach | Stomach, Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | Uterus |

**MISSING**

| | |
|---|---|
| Lymph Node, Mandibular | Salivary Glands |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Clitoral Gland | | Adenoma | |
| [ Adenoma TGLS = 3-8 ] | | | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Lung | | Sarcoma | Metastatic (Tissue Nos) |
| [ Sarcoma TGLS = 4-2-1,5-2-2,6-2-3,7-2-4,8-2-5,9-2-6 ] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Marked |
| [ Hyperplasia TGLS = 2-1 ] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| Tissue NOS | | Sarcoma | |
| [ Sarcoma TGLS = 1-21 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |
| CONTRIBUTORY CAUSE OF DEATH | - Clitoral Gland Adenoma;Pituitary Gland Pars Distalis Hyperplasia |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 875 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59689 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 8-22 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Inflammation | Subacute, Minimal |
| [ Basophilic Focus TGLS = 4-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 6-1 ] | | | |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 1-21 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 876 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59690 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Hepatocellular Adenoma | |
| [ Basophilic Focus TGLS = 3-6 ] | | | |
| [ Hepatocellular Adenoma TGLS = 4-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Angiectasis | Minimal |
| * Uterus | | Hydrometra | Moderate |
| [ Hydrometra TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 877 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 597 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59123 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Bone Marrow | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Mammary Gland |
| Nose | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Brain | | Leukemia Mononuclear | |
| Clitoral Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 3-21 ] | | | |
| Ovary | | Leukemia Mononuclear | |
| Pancreas | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 877 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 597 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59123 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| | Pars Distalis | Cyst | |
| | Pars Intermed | Cyst | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| Uterus | | Hyperplasia | Cystic, Minimal |
| Zymbal's Gland | | Carcinoma | |
| [ Carcinoma TGLS = 6-22 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Zymbal's Gland Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 878 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59691 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Minimal |
| * Brain | | Oligodendroglioma Malignant | |
| [ Oligodendroglioma Malignant TGLS = 1-1-1 ] | | | |
| * Kidney | | Mineralization | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Mixed Cell Focus | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 879 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59240 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Mild |
| | | Hypertrophy | Focal, Mild |
| * Bone Marrow | | Myelofibrosis | Minimal |
| * Clitoral Gland | | Ectasia | Mild |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Granuloma | Minimal |
| | | Inflammation | Subacute, Minimal |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Fibroadenoma | Multiple |
| | | Hyperplasia | Mild |
| [ Fibroadenoma TGLS = 2-22,3-23 ] | | | |
| [ Hyperplasia TGLS = 1-21,4-8-1 ] | | | |
| * Pancreas | | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 880 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 616 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Dead | **HISTO:** 91-59124 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Clitoral Gland |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**AUTO PRECLUDES DIAG.**

| | |
|---|---|
| Islets, Pancreatic | Pancreas |

**INSUFFICIENT TISSUE**

Adrenal Medulla

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| Bone Marrow | | Leukemia Mononuclear | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Leukemia Mononuclear | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |
| Stomach, Forestomach | Mucosa | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-21 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 881 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59241 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone Marrow | * Brain | * Clitoral Gland |
| * Esophagus | Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Mild |
| | Rib | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 4-23 ] | | | |
| [ Osteopetrosis TGLS = 6-24 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Basophilic Focus TGLS = 7-6 ] | | | |
| [ Eosinophilic Focus TGLS = 7-6 ] | | | |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Fibroadenoma TGLS = 3-22 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Skin | | Ulcer | Moderate |
| [ Ulcer TGLS = 1-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 881 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59241 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Spleen | Pigmentation | Hemosiderin, Mild |
| * Thymus | Thymoma Benign | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 882 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59692 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 3-22 ] | | | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Angiectasis | Mild |
| | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Basophilic Focus TGLS = 2-21 ] | | | |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Nose | Mucosa | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 1-23 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 883 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59693 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| [ Eosinophilic Focus TGLS = 2-22 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 884 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59694 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Marked |
| [ Osteopetrosis TGLS = 3-9,3-22 ] | | | |
| [ Osteopetrosis TGLS = 4-21 ] | | | |
| * Clitoral Gland | | Adenoma | |
| * Islets, Pancreatic | | Carcinoma | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pituitary Gland | Pars Intermed | Angiectasis | Mild |
| | Pars Distalis | Hyperplasia | Focal, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 885 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59695 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Kidney | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Basophilic Focus TGLS = 2-22 ] | | | |
| [ Eosinophilic Focus TGLS = 2-22 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Skin | | Acanthosis | Moderate |
| | | Ulcer | Mild |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Ulcer TGLS = 1-21 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 886 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59242 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Moderate |
| | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 8-22 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 3-8 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| [ Basophilic Focus TGLS = 6-6 ] | | | |
| [ Clear Cell Focus TGLS = 6-6 ] | | | |
| Lymph Node | Mediastinal | Hemorrhage | Mild |
| | Mediastinal | Pigmentation | Marked |
| [ Hemorrhage TGLS = 7-3-1 ] | | | |
| [ Pigmentation TGLS = 7-3-1 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Moderate |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 2-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 886 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59242 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Distalis | Cyst | |
| [ Angiectasis TGLS = 9-1 ] | | | |
| * Skin | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 10-23 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |
| * Uterus | | Adenoma | |
| [ Adenoma TGLS = 4-7-1,5-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 887 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59243 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Adenoma | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 4-3-1 ] | | | |
| [ Pigmentation TGLS = 4-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 887 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59243 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,1-21 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 888 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59696 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 4-22 ] | | | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Inflammation | Subacute, Minimal |
| [ Basophilic Focus TGLS = 3-6 ] | | | |
| * Mammary Gland | | Ectasia | Minimal |
| | | Fibroadenoma | |
| [ Ectasia TGLS = 1-8 ] | | | |
| [ Fibroadenoma TGLS = 2-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 889 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 324 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Dead | **HISTO:** 90-54558 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Lymph Node, Mandibular |
| Lymph Node, Mesenteric | Mammary Gland | Ovary | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Trachea | Urinary Bladder |
| Uterus | | | |

**AUTO PRECLUDES DIAG.**

| | | |
|---|---|---|
| Islets, Pancreatic | Pancreas | Thyroid Gland |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Mineralization | Mild |
| Liver | | Basophilic Focus | |
| | | Developmental Malformation | |
| | Bile Duct | Hyperplasia | Mild |
| | Lobules | Necrosis | Moderate |

Note: MARKED CONGESTION ASSOC. WITH DEVELOPMENTAL MALFORMATION; NOT CODED.
[ Developmental Malformation TGLS = 1-21 ]

| | | | |
|---|---|---|---|
| Lung | | Edema | Moderate |
| | | Inflammation | Subacute, Marked |
| Nose | | Foreign Body | Moderate |
| Spleen | | Pigmentation | Hemosiderin, Moderate |

PRIMARY CAUSE OF DEATH - Lung Inflammation

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 890 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59697 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 3-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Ectasia | Minimal |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Skin | | Acanthosis | Moderate |
| | | Ulcer | Mild |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Ulcer TGLS = 1-21 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 891 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 551 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59125 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric | Nose |
| Parathyroid Gland | Peripheral Nerve | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Leukemia Mononuclear | |
| Clitoral Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| Heart | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Minimal |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Renal | Hemorrhage | Moderate |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 6-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-21 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Mammary Gland | | Ectasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 891 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 551 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59125 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Ectasia TGLS = 1-8 ] | | | |
| Ovary | | Leukemia Mononuclear | |
| Pancreas | | Atrophy | Mild |
| Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Minimal |
| | | Leukemia Mononuclear | |
| Spinal Cord | | Leukemia Mononuclear | |
| Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Hematopoietic Cell Proliferation TGLS = 3-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 892 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 359 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 90-54744 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Clitoral Gland |
| Esophagus | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | |
|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 3-10 ] | | |
| Bone Marrow | | Leukemia Mononuclear |
| Brain | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 8-1 ] | | |
| Heart | | Leukemia Mononuclear |
| Kidney | | Leukemia Mononuclear |
| Liver | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | |
| Lung | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 6-2,7-2-1 ] | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 5-21 ] | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 5-21 ] | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 5-21 ] | | |
| Spleen | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | |
| Thymus | | Leukemia Mononuclear |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 893 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 625 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59126 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Clitoral Gland | Esophagus |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Nose |
| Parathyroid Gland | Skin | Stomach, Forestomach | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Degeneration | Fatty, Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-1-1 ] | | | |
| Heart | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Minimal |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| [ Pigmentation TGLS = 8-3-1 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 893 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 625 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59126 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Ovary | | Leukemia Mononuclear | |
| Pancreas | | Atrophy | Mild |
| | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Distalis | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-1 ] | | | |
| Salivary Glands | | Leukemia Mononuclear | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6,4-21 ] | | | |
| Stomach, Glandular | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 894 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59698 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Moderate |
| | | Hypertrophy | Focal, Moderate |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 3-1-1 ] | | | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 1-6 ] | | | |
| * Mammary Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-6 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 2-1 ] | | | |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 895 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59699 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Basophilic Focus TGLS = 2-21 ] | | | |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pancreas | | Atrophy | Moderate |
| [ Atrophy TGLS = 1-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| | Pars Distalis | Cyst | |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 896 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 684 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59717 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Clitoral Gland |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Nose | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |
| Lymph Node, Mandibular | | Ectasia | Moderate |
| | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Ovary | | Leukemia Mononuclear | |
| Pituitary Gland | Pars Distalis | Cyst | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 896 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 684 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund | **HISTO:** 91-59717 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| | | Leukemia Mononuclear |
| Spleen | | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 897 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59718 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | * Uterus | | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 3-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| [ Infiltration Cellular TGLS = 5-2 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Cyst | |
| [ Adenoma TGLS = 6-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thyroid Gland | Follicle | Cyst | Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 898 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59719 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Brain | | Compression | Marked |
| [ Compression TGLS = 5-1-1 ] | | | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Moderate |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 7-21 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Moderate |
| | | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 1-8 ] | | | |
| [ Pigmentation TGLS = 1-8 ] | | | |
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 6-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | Follicle | Cyst | Moderate |
| * Uterus | | Hydrometra | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 898 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59719 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| | Hyperplasia | Cystic, Mild |
| [ Hydrometra TGLS = 4-7 ] | | |
| PRIMARY CAUSE OF DEATH - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 899 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59244 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Nose | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| * Bone | Femur | Osteopetrosis | Moderate |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Minimal |
| [ Leukemia Mononuclear TGLS = 4-23,5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Ectasia | Moderate |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Ectasia TGLS = 1-8 ] | | | |
| [ Fibroadenoma TGLS = 9-24 ] | | | |
| * Ovary | | Cyst | |
| [ Cyst TGLS = 6-7 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Intermed | Cyst | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 899 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59244 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 3-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-6,2-21 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 900 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59245 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Hemorrhage | Mild |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 2-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6,3-21 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 901 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 844 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60177 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 4-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 5-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 901 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 844 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60177 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 8-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 902 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 694 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59720 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Brain | | Compression | Moderate |
| | | Hemorrhage | Marked |
| [ Compression TGLS = 6-1-1 ] | | | |
| * Kidney | | Mineralization | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Mild |
| | | Mixed Cell Focus | |
| | Hepatocyte | Vacuolization Cytoplasmic | Mild |
| [ Mixed Cell Focus TGLS = 4-22 ] | | | |
| * Lung | | Congestion | Moderate |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Carcinoma | |
| | | Ectasia | Moderate |
| | | Hyperplasia | Minimal |
| [ Carcinoma TGLS = 2-21 ] | | | |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Urinary Bladder | Transit Epithe | Papilloma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 902 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 694 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59720 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 903 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 687 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59721 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Salivary Glands | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Inflammation | Subacute, Mild |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 3-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Ovary | | Cyst | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| | Pars Distalis | Cyst | |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 2-21 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 903 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 687 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59721 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Skin Subcut Tiss Fibroma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 904 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 702 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59722 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Brain | | Compression | Marked |
| | | Hydrocephalus | Mild |
| [ Compression TGLS = 4-1-1 ] | | | |
| * Clitoral Gland | | Adenoma | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 2-6 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 905 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61509 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Bone | Cranium | Osteopetrosis | Mild |
| | Femur | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 4-21 ] | | | |
| * Clitoral Gland | | Ectasia | Marked |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Inflammation TGLS = 2-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| [ Pigmentation TGLS = 3-6 ] | | | |
| * Lung | | Hemorrhage | Minimal |
| | Alveolar Epith | Hyperplasia | Minimal |
| | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Hyperplasia | Lymphoid, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 905 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61509 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Nose | | Exudate | Moderate |
| | Mucosa | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 906 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 844 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60178 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Mild |
| * Brain | | Glioma Malignant | |
| [ Glioma Malignant TGLS = 11-1,11-1-1 ] | | | |
| * Clitoral Gland | | Adenoma | |
| [ Adenoma TGLS = 1-8-1 ] | | | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Developmental Malformation | |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Minimal |
| [ Developmental Malformation TGLS = 8-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-7-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Fibroadenoma | |
| | | Galactocele | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 906 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 844 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60178 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Fibroadenoma TGLS = 2-21,4-22,5-23 ] | | | |
| [ Galactocele TGLS = 3-8 ] | | | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 7-24 ] | | | |
| * Nose | | Exudate | Moderate |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Intermed | Angiectasis | Moderate |
| [ Angiectasis TGLS = 12-1 ] | | | |
| [ Angiectasis TGLS = 12-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Stomach, Glandular | | Erosion | Minimal |
| [ Erosion TGLS = 14-4-1 ] | | | |
| Zymbal's Gland | | Carcinoma | |
| [ Carcinoma TGLS = 10-43 ] | | | |

| | | | | | |
|---|---|---|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear | | | |
| CONTRIBUTORY CAUSE OF DEATH | - Brain | Glioma Malignant;Clitoral Gland | Adenoma;Mammary Gland | Fibroadenoma;Zymbal's Gland | Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 907 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61510 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | Moderate |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Mixed Cell Focus | Moderate |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| [ Mixed Cell Focus TGLS = 5-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 2-21 ] | | | |
| * Nose | | Exudate | Moderate |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | Multiple |
| | Pars Distalis | Hyperplasia | Focal, Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 907 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61510 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Adenoma TGLS = 6-1-1,7-1-1 ] | | | |
| * Skin | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 8-23 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 908 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 914 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 92-61355 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Stomach, Forestomach | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Clitoral Gland | | Ectasia | Mild |
| * Heart | | Thrombosis | Moderate |
| [ Thrombosis TGLS = 9-27 ] | | | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Hematopoietic Cell Proliferation | Mild |
| | Centrilobular | Necrosis | Mild |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| * Lung | | Inflammation | Subacute, Mild |
| [ Inflammation TGLS = 7-25 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Lymph Node, Mesenteric | | Hemorrhage | Marked |
| [ Hemorrhage TGLS = 8-26 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| Note: PORTION OF FIBROADENOMA ON SLIDE 8. | | | |
| [ Fibroadenoma TGLS = 3-22,4-23 ] | | | |
| * Ovary | | Cyst | Moderate |
| * Pituitary Gland | Pars Distalis | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 908 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 914 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 92-61355 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Pars Distalis | Angiectasis | Mild |
| [ Adenoma TGLS = 5-1 ] | | | |
| * Skin | Sebaceous Gl | Basal Cell Adenoma | |
| [ Basal Cell Adenoma TGLS = 1-21 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Stomach, Glandular | | Erosion | Moderate |
| [ Erosion TGLS = 6-24 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Skin Sebaceous Gl Basal Cell Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 909 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 971 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61511 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| | | Degeneration | Fatty, Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Mixed Cell Focus | |
| [ Basophilic Focus TGLS = 3-6 ] | | | |
| [ Mixed Cell Focus TGLS = 4-23 ] | | | |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| Vagina | | Squamous Cell Papilloma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 909 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 971 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61511 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Squamous Cell Papilloma TGLS = 2-22 ]

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 910 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 967 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61512 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 11-25 ] | | | |
| [ Osteopetrosis TGLS = 12-24 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 6-5 ] | | | |
| [ Nephropathy TGLS = 6-5 ] | | | |
| * Liver | | Angiectasis | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6,8-23 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 910 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 967 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61512 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Minimal |
| | | Fibroadenoma | Multiple |
| [ Ectasia TGLS = 1-8 ] | | | |
| [ Fibroadenoma TGLS = 3-22,14-26 ] | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-1 ] | | | |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 2-21 ] | | | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| [ Fibrosis TGLS = 15-27 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Thyroid Gland | C Cell | Carcinoma | |
| [ Carcinoma TGLS = 10-3 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Skin Subcut Tiss Fibroma;Thyroid Gland C Cell Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 911 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 573 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59127 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Nose | * Ovary | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**MISSING**

| | | | |
|---|---|---|---|
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Stomach, Forestomach | * Stomach, Glandular |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| | | Necrosis | Mild |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Necrosis | Mild |
| [ Necrosis TGLS = 2-1 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| | | Leukemia Mononuclear | |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Iliac | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-23 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-21 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 911 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 573 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59127 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| * Spleen | Leukemia Mononuclear |
| [ Leukemia Mononuclear TGLS = 1-6 ] | |
| * Thymus | Leukemia Mononuclear |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 912 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 747 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59712 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Minimal |
| [ Leukemia Mononuclear TGLS = 8-6,9-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Intermed | Cyst | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 912 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 747 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59712 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Adenoma TGLS = 12-1 ] | | | |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Moderate |
| | | Inflammation | Chronic, Moderate |
| [ Acanthosis TGLS = 1-21,11-23 ] | | | |
| [ Hyperkeratosis TGLS = 1-21 ] | | | |
| [ Inflammation TGLS = 11-23 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6,6-22 ] | | | |
| * Stomach, Forestomach | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Adenoma | |
| [ Adenoma TGLS = 10-3 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma;Thyroid Gland C Cell Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 913 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 687 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59723 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Mild |
| | Femur | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 4-22 ] | | | |
| * Clitoral Gland | | Inflammation | Chronic, Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 2-6 ] | | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | Alveolar Epith | Hyperplasia | Moderate |
| [ Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Lung Alveolar/Bronchiolar Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 914 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61499 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Hyperplasia | Moderate |
| * Clitoral Gland | | Carcinoma | |
| | | Inflammation | Chronic, Mild |
| [ Carcinoma TGLS = 3-8-1 ] | | | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 4-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 1-21,2-22 ] | | | |
| * Nose | | Exudate | Moderate |
| | | Fungus | Mild |
| | Mucosa | Hyperplasia | Mild |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Angiectasis | Moderate |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 914 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61499 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 915 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 858 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60925 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| | | Hypertrophy | Focal, Minimal |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 8-22 ] | | | |
| [ Osteopetrosis TGLS = 7-9,7-23 ] | | | |
| * Brain | | Compression | Marked |
| | | Hydrocephalus | Moderate |
| [ Compression TGLS = 10-1-1 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Hyperplasia | Mild |
| | | Inflammation | Suppurative, Moderate |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Inflammation TGLS = 3-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | |
| | | Granuloma | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 915 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 858 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60925 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Eosinophilic Focus TGLS = 6-6 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 4-21 ] | | | |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 9-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 916 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 900 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60926 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Minimal |
| * Bone | Femur | Osteopetrosis | Mild |
| | | Osteosarcoma | |
| [ Osteosarcoma TGLS = 2-22 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Marked |
| | | Hyperplasia | Mild |
| [ Ectasia TGLS = 3-8 ] | | | |
| [ Hyperplasia TGLS = 3-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Renal Tubule | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Mild |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Basophilic Focus TGLS = 6-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Ectasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 916 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 900 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60926 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Fibroadenoma | |
| [ Ectasia TGLS = 4-8 ] | | | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Nose | | Exudate | Moderate |
| | | Foreign Body | Mild |
| | Mucosa | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| [ Hyperplasia TGLS = 7-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Bone | Osteosarcoma |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Leukemia Mononuclear;Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 917 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61500 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Clitoral Gland | | Carcinoma | |
| | | Hyperplasia | Mild |
| | | Inflammation | Chronic, Mild |
| [ Carcinoma TGLS = 1-21 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| [ Basophilic Focus TGLS = 2-6 ] | | | |
| [ Eosinophilic Focus TGLS = 2-6 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| | | Infiltration Cellular | Histiocyte, Mild |
| [ Hyperplasia TGLS = 3-2-1 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| Mesentery | Fat | Necrosis | Mild |
| [ Necrosis TGLS = 5-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 917 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61500 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Angiectasis | Moderate |
| [ Adenoma TGLS = 4-1 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 918 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 649 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59128 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Bone Marrow | | Hypercellularity | Moderate |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Hematopoietic Cell Proliferation | Mild |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node | Iliac | Ectasia | Mild |
| | Iliac | Hyperplasia | Lymphoid, Moderate |
| [ Ectasia TGLS = 5-21 ] | | | |
| [ Hyperplasia TGLS = 5-21 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Hematopoietic Cell Proliferation | Marked |
| [ Hematopoietic Cell Proliferation TGLS = 4-6 ] | | | |
| * Uterus | | Hydrometra | Mild |
| | | Polyp Stromal | |
| | | Sarcoma Stromal | |
| [ Hydrometra TGLS = 1-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 918 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 649 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59128 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Polyp Stromal TGLS = 2-7-1 ]
[ Sarcoma Stromal TGLS = 3-7-2 ]

PRIMARY CAUSE OF DEATH - Uterus Sarcoma Stromal

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 919 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 649 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59129 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Bone Marrow | | Hypercellularity | Moderate |
| * Clitoral Gland | | Adenoma | |
| [ Adenoma TGLS = 3-8-1 ] | | | |
| * Kidney | | Mineralization | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Hematopoietic Cell Proliferation | Minimal |
| Lymph Node | Iliac | Ectasia | Mild |
| | Iliac | Hyperplasia | Lymphoid, Moderate |
| | Inguinal | Hyperplasia | Lymphoid, Moderate |
| [ Ectasia TGLS = 6-22 ] | | | |
| [ Hyperplasia TGLS = 2-21 ] | | | |
| [ Hyperplasia TGLS = 6-22 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pituitary Gland | Pars Intermed | Angiectasis | Mild |
| [ Angiectasis TGLS = 7-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| [ Hematopoietic Cell Proliferation TGLS = 5-6 ] | | | |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH - Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 920 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 928 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61356 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 17-26 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Clear Cell Focus | Mild |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Clear Cell Focus TGLS = 19-27 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-6 ] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 920 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 928 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61356 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Popliteal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 15-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-25 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-5 ] | | | |
| * Mammary Gland | | Fibroadenoma | Multiple |
| | | Hyperplasia | Mild |
| [ Fibroadenoma TGLS = 1-21,3-8 ] | | | |
| [ Hyperplasia TGLS = 3-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| | | Leukemia Mononuclear | |
| [ Hyperplasia TGLS = 18-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| * Uterus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma;Uterus Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 921 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 358 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 90-54745 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Rectum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Pancreas | * Parathyroid Gland |
| * Skin | * Stomach, Forestomach | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Intestine Large, Cecum | | Edema | Mild |
| | | Leukemia Mononuclear | |
| [ Edema TGLS = 11-4 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-4 ] | | | |
| * Intestine Large, Colon | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-4 ] | | | |
| * Intestine Small, Duodenum | | Leukemia Mononuclear | |
| * Intestine Small, Ileum | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 921 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 358 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 90-54745 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 3-8,2-21,4-22,10-23,12-24,13-25,15-26,6-27,16-30 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-8,2-21,4-22,10-23,12-24,13-25,15-26,6-27,16-30 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-8,2-21,4-22,10-23,12-24,13-25,15-26,6-27,16-30 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-8,2-21,4-22,10-23,12-24,13-25,15-26,6-27,16-30 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-8,2-21,4-22,10-23,12-24,13-25,15-26,6-27,16-30 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-8,2-21,4-22,10-23,12-24,13-25,15-26,6-27,16-30 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-8,2-21,4-22,10-23,12-24,13-25,15-26,6-27,16-30 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 3-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-24, 13-25, 3-8, 10-23 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-24, 13-25, 3-8, 10-23 ] | | | |
| * Nose | | Leukemia Mononuclear | |
| * Ovary | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | | Leukemia Mononuclear | |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Thymus | | Hemorrhage | Mild |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 14-29 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-29 ] | | | |
| * Thyroid Gland | | Leukemia Mononuclear | |
| * Uterus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 922 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61513 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

* Esophagus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Minimal |
| * Adrenal Medulla | | Hyperplasia | Marked |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Mild |
| | | Inflammation | Suppurative, Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Skin | Subcut Tiss | Fibroma | |
| [ Fibroma TGLS = 4-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 922 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61513 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Spleen | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | |
| * Uterus | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 923 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 970 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61514 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Nose | * Ovary | * Parathyroid Gland | * Stomach, Glandular |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Carcinoma | |
| | | Ectasia | Marked |
| | | Inflammation | Suppurative, Moderate |
| [ Carcinoma TGLS = 6-8 ] | | | |
| [ Ectasia TGLS = 6-8 ] | | | |
| [ Inflammation TGLS = 6-8 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Colon | | Edema | Mild |
| * Kidney | | Mineralization | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 13-6 ] | | | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 923 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 970 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61514 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 17-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-7-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-8,4-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 15-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-27 ] | | | |
| [ Pigmentation TGLS = 16-27 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-5 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 7-24 ] | | | |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 11-25 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| Note: PANCREAS IS ON SLIDE 7-1. | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | Multiple |
| [ Adenoma TGLS = 18-1 ] | | | |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Skin | Subcut Tiss | Melanoma Malignant | |
| [ Melanoma Malignant TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Stomach, Forestomach | | Edema | Moderate |
| * Thymus | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 923 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 970 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61514 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Thyroid Gland | Follicle | Cyst | Moderate |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |
| CONTRIBUTORY CAUSE OF DEATH | - Clitoral Gland Carcinoma;Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma;Skin Subcut Tiss Melanoma Malignant | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 924 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 498 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59130 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Mild |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Note: LEUKEMIA INCLUDES AREAS OF NECROSIS; NOT CODED | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Spleen | | Leukemia Mononuclear | |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Minimal |
| * Thyroid Gland | | Ultimobranchial Cyst | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 925 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61515 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Ovary | * Parathyroid Gland | * Stomach, Forestomach | * Thymus |
| * Trachea | * Urinary Bladder | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Calculus Micro Observation Only | |
| | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 5-25,6-25 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Hepatocellular Adenoma | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Minimal |
| [ Hepatocellular Adenoma TGLS = 8-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-6 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| | | Infiltration Cellular | Histiocyte, Minimal |
| [ Hyperplasia TGLS = 10-2-1 ] | | | |
| Lymph Node | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 925 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61515 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 11-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-24 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| [ Cyst TGLS = 13-1 ] | | | |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 1-21 ] | | | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Thyroid Gland | C Cell | Adenoma | |
| | C Cell | Hyperplasia | Minimal |
| * Uterus | | Polyp Stromal | |
| [ Polyp Stromal TGLS = 3-7-1 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 926 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 750 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59713 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 8-1-1 ] | | | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Ovary | | Cyst | |
| [ Cyst TGLS = 2-7 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 7-1,9-1 ] | | | |
| * Spleen | | Fibrosis | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| [ Fibrosis TGLS = 4-21 ] | | | |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 926 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 750 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59713 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

Animal Note: PIGMENT PRESENT IN THE ILIAC LYMPH NODE IS PROBABLY FROM THE TAIL TATTOO; NOT CO DED

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 927 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 722 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59724 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| * Brain | | Ependymoma Malignant | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Angiectasis | Mild |
| | | Basophilic Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Angiectasis TGLS = 5-6 ] | | | |
| [ Pigmentation TGLS = 5-6 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| Mesentery | | Accessory Spleen | |
| [ Accessory Spleen TGLS = 2-22 ] | | | |
| * Nose | | Exudate | |
| | | Fungus | Moderate |
| | Mucosa | Metaplasia | Squamous, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 927 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 722 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59724 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Glandular | | Erosion | Mild |
| * Thyroid Gland | C Cell | Adenoma | |
| | C Cell | Hyperplasia | Minimal |
| * Uterus | | Polyp Stromal | |
| [ Polyp Stromal TGLS = 4-7 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Brain Ependymoma Malignant |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma;Uterus Polyp Stromal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 928 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 915 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61357 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Moderate |
| * Brain | | Compression | Marked |
| [ Compression TGLS = 6-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Moderate |
| | | Nephropathy | Moderate |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Mild |
| Mesentery | Fat | Necrosis | Mild |
| [ Necrosis TGLS = 3-21 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 4-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Uterus | | Hydrometra | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 928 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 915 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61357 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Hydrometra TGLS = 5-7 ]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 929 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 740 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59725 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Ovary | | Cyst | |
| [ Cyst TGLS = 2-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Intermed | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 929 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 740 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59725 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 930 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 816 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60108 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| * Brain | | Compression | Marked |
| [ Compression TGLS = 7-1-1 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| * Kidney | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Mixed Cell Focus | |
| [ Basophilic Focus TGLS = 5-22 ] | | | |
| [ Mixed Cell Focus TGLS = 5-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Carcinoma | |
| | | Hyperplasia | Minimal |
| [ Carcinoma TGLS = 1-21 ] | | | |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Ovary | | Cyst | Moderate |
| [ Cyst TGLS = 3-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 930 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 816 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60108 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 8-1 ] | | | |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 6-23 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Moderate |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Carcinoma;Skin Keratoacanthoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 931 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 796 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60109 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | |

**INSUFFICIENT TISSUE**

| | |
|---|---|
| * Adrenal Medulla | * Intestine Large, Rectum |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Carcinoma | Metastatic (Pituitary Gland) |
| | | Compression | Moderate |
| [ Compression TGLS = 9-1-1 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Moderate |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Inflammation TGLS = 2-8 ] | | | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 6-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 931 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 796 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60109 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 7-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Carcinoma | |
| [ Carcinoma TGLS = 8-1 ] | | | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 4-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 10-22 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |
| * Uterus | | Hyperplasia | Cystic, Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 932 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 823 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60110 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Parathyroid Gland | * Skin | * Stomach, Forestomach | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Mild |
| | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| [ Leukemia Mononuclear TGLS = 12-5 ] | | | |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | Mixed Cell Focus | |
| [ Leukemia Mononuclear TGLS = 13-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 932 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 823 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60110 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 15-23 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 18-25 ] | | | |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Ectasia TGLS = 1-8 ] | | | |
| [ Fibroadenoma TGLS = 5-22 ] | | | |
| * Ovary | | Leukemia Mononuclear | |
| * Pancreas | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Cyst | Moderate |
| | | Leukemia Mononuclear | |
| [ Adenoma TGLS = 17-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 17-1 ] | | | |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Thymus | | Leukemia Mononuclear | |
| * Uterus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 932 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 823 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60110 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 933 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 683 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59726 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Nose | * Ovary | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Moderate |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| [ Leukemia Mononuclear TGLS = 5-5 ] | | | |
| * Liver | | Angiectasis | Moderate |
| | | Leukemia Mononuclear | |
| | Hepatocyte | Vacuolization Cytoplasmic | Marked |
| [ Angiectasis TGLS = 6-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 6-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 933 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 683 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59726 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Lymph Node, Mesenteric | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-21 ] | | |
| * Mammary Gland | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | |
| * Pancreas | Leukemia Mononuclear | |
| * Spleen | Hematopoietic Cell Proliferation | Moderate |
| | Leukemia Mononuclear | |
| [ Hematopoietic Cell Proliferation TGLS = 3-6 ] | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | |
| * Stomach, Glandular | Erosion | Minimal |
| [ Erosion TGLS = 10-22 ] | | |
| * Thymus | Leukemia Mononuclear | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 934 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 696 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59727 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| Eye | | Atrophy | Marked |
| [ Atrophy TGLS = 1-44 ] | | | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1 ] | | | |

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 935 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61501 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Clitoral Gland | | Inflammation | Chronic, Mild |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Angiectasis | Mild |
| | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Ectasia | Moderate |
| | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 1-21,2-22 ] | | | |
| * Pancreas | | Atrophy | Marked |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Cyst | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 935 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61501 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Thyroid Gland | Follicle | Cyst | Moderate |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 936 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 922 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61072 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Mild |
| | | Hypertrophy | Focal, Mild |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Brain | | Compression | Marked |
| | | Hydrocephalus | Moderate |
| [ Compression TGLS = 5-1,5-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Mixed Cell Focus | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Basophilic Focus TGLS = 4-6,4-6-1 ] | | | |
| [ Mixed Cell Focus TGLS = 4-6,4-6-1 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Carcinoma | |
| | | Ectasia | Mild |
| | | Hyperplasia | Mild |
| [ Carcinoma TGLS = 2-22 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 936 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 922 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61072 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Hyperplasia TGLS = 1-21,3-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 6-1-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 937 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 478 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 90-55498 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| Peripheral Nerve | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Compression | Moderate |
| | | Leukemia Mononuclear | |
| [ Compression TGLS = 11-1-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-1,11-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 7-22,8-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Lung | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 937 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 478 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 90-55498 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Moderate |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | | Leukemia Mononuclear | |
| [ Adenoma TGLS = 10-1 ] | | | |
| Spinal Cord | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,3-21 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

Animal Note: HEMORRHAGE IN BRAIN AND SPINAL CORD ASSOC. WITH LEUKEMIA NOT CODED

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 938 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61502 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose | * Ovary |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | * Uterus | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| [ Basophilic Focus TGLS = 5-6 ] | | | |
| [ Eosinophilic Focus TGLS = 5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Moderate |
| | | Pigmentation | Mild |
| [ Hemorrhage TGLS = 4-8 ] | | | |
| [ Pigmentation TGLS = 4-8 ] | | | |
| * Lymph Node, Mesenteric | | Hemorrhage | Mild |
| | | Hyperplasia | Lymphoid, Mild |
| [ Hemorrhage TGLS = 6-5 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 938 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61502 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Note: FIBROADENOMA IS ON SLIDE 8. | | | |
| [ Hyperplasia TGLS = 3-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Skin | Subcut Tiss | Fibroma | Multiple |
| [ Fibroma TGLS = 1-21,2-22 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | Follicle | Cyst | Moderate |
| | C Cell | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 939 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 793 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60111 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-2 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 939 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 793 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60111 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Spleen | Leukemia Mononuclear | |
| | Pigmentation | Hemosiderin, Mild |
| [ Leukemia Mononuclear TGLS = 4-6,5-21 ] | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 940 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 705 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59728 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Nose | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Moderate |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Marked |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | Renal Tubule | Pigmentation | Minimal |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| [ Infiltration Cellular TGLS = 8-2 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Mild |
| * Ovary | | Cyst | |
| [ Cyst TGLS = 2-7 ] | | | |
| * Pancreas | | Atrophy | Mild |
| | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 9-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 940 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 705 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59728 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 5-6,6-6 ]

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Clitoral Gland Ectasia;Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 941 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 498 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59131 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-1 ] | | | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Hemorrhage | Mild |
| | Mediastinal | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 4-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-3-1 ] | | | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| [ Angiectasis TGLS = 6-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 942 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 744 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59714 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| * Brain | | Compression | Marked |
| [ Compression TGLS = 3-1-1 ] | | | |
| * Clitoral Gland | | Adenoma | |
| [ Adenoma TGLS = 2-8 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 5-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Carcinoma | |
| | | Ectasia | Mild |
| | | Fibroadenoma | |
| Note: THE FIBROADENOMA IS ON SLIDE 8 | | | |
| [ Carcinoma TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 942 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 744 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59714 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Adenoma TGLS = 4-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | | Edema | Mild |
| | Mucosa | Hyperplasia | Mild |

| | | | | |
|---|---|---|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland | Pars Distalis | Adenoma | |
| CONTRIBUTORY CAUSE OF DEATH | - Clitoral Gland | Adenoma;Mammary Gland | Carcinoma;Mammary Gland | Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 943 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 754 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59715 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Islets, Pancreatic | * Lung | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Small, Jejunum | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 6-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-24 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Ovary | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 943 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 754 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59715 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Pancreas | Atrophy | Mild |
| * Pituitary Gland | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-1 ] | | |
| * Spleen | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | |
| * Thymus | Leukemia Mononuclear | |
| * Uterus | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 944 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 685 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59729 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |

**MISSING**

| | | |
|---|---|---|
| * Intestine Large, Colon | * Parathyroid Gland | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Brain | | Compression | Moderate |
| Note: HEMORRHAGE AND NECROSIS IN AREA OF COMPRESSION; NOT CODED | | | |
| [ Compression TGLS = 2-1-1 ] | | | |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lung | | Hemorrhage | Moderate |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Pigmentation | Moderate |
| * Mammary Gland | | Ectasia | Mild |
| | | Hyperplasia | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 1-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| Tongue | | Squamous Cell Papilloma | |
| [ Squamous Cell Papilloma TGLS = 3-21 ] | | | |
| * Uterus | | Hyperplasia | Cystic, Minimal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Tongue Squamous Cell Papilloma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 944 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 685 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Natural Death | **HISTO:** 91-59729 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 945 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 754 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59716 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Ovary | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| * Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 14-25 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Mild |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 945 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 754 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-59716 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Renal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 11-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| [ Pigmentation TGLS = 11-3-1 ] | | | |
| [ Pigmentation TGLS = 8-22 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 13-1 ] | | | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 4-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Thymus | | Leukemia Mononuclear | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 946 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 829 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60112 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose | * Ovary |
| * Parathyroid Gland | Peripheral Nerve | * Salivary Glands | Spinal Cord |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hypertrophy | Focal, Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 10-1-1 ] | | | |
| * Clitoral Gland | | Carcinoma | |
| | | Ectasia | Moderate |
| [ Carcinoma TGLS = 2-8 ] | | | |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 946 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 829 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 91-60112 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 3-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | | Leukemia Mononuclear | |
| [ Adenoma TGLS = 11-1 ] | | | |
| * Skin | | Acanthosis | Mild |
| | | Hyperkeratosis | Mild |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Hyperkeratosis TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Clitoral Gland Carcinoma;Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 947 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 872 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60927 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Brain | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Nose | * Ovary | * Parathyroid Gland |
| * Pituitary Gland | * Skin | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Degeneration | Fatty, Moderate |
| | | Hyperplasia | Focal, Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Bone | Femur | Osteopetrosis | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Mild |
| * Clitoral Gland | | Adenoma | |
| [ Adenoma TGLS = 1-29 ] | | | |
| * Heart | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 20-5 ] | | | |
| * Intestine Small, Duodenum | | Erosion | Moderate |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | Bile Duct | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 16-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 21-2 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 947 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 872 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60927 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Popliteal | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 17-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 22-28 ] | | | |
| [ Leukemia Mononuclear TGLS = 18-27 ] | | | |
| [ Leukemia Mononuclear TGLS = 19-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 15-25 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| Note: LEUKEMIA INFILTRATE IN MAMMARY GLAND; NOT CODED. | | | |
| [ Fibroadenoma TGLS = 3-21 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| Note: PANCREAS IS ON SLIDE 24 | | | |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 9-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-6,23-6 ] | | | |
| * Stomach, Forestomach | | Leukemia Mononuclear | |
| * Thymus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 24-3 ] | | | |
| * Urinary Bladder | | Leukemia Mononuclear | |
| * Uterus | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 947 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 872 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-60927 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 8-7 ]

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Clitoral Gland Adenoma;Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 948 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 949 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61358 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**MISSING**

* Esophagus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Brain | | Compression | Mild |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| [ Inflammation TGLS = 1-8 ] | | | |
| * Kidney | | Mineralization | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 5-24 ] | | | |
| [ Hepatodiaphragmatic Nodule TGLS = 4-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-25 ] | | | |
| * Mammary Gland | | Fibroadenoma | Multiple |
| | | Hyperplasia | Mild |
| [ Fibroadenoma TGLS = 2-21,3-22 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 948 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 949 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Moribund Sacrifice | **HISTO:** 92-61358 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Pigmentation | Hemosiderin, Mild |
| PRIMARY CAUSE OF DEATH | - Mammary Gland Fibroadenoma | | |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 949 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61516 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| | | Hypertrophy | Focal, Mild |
| * Brain | | Compression | Mild |
| [ Compression TGLS = 6-1-1 ] | | | |
| * Clitoral Gland | | Carcinoma | |
| [ Carcinoma TGLS = 1-21 ] | | | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Basophilic Focus TGLS = 5-6 ] | | | |
| [ Eosinophilic Focus TGLS = 5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 3-8 ] | | | |
| * Mammary Gland | | Galactocele | |
| [ Galactocele TGLS = 2-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 949 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61516 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Adenoma TGLS = 7-1 ] | | |
| * Spleen | Hematopoietic Cell Proliferation | Mild |
| | Pigmentation | Hemosiderin, Mild |
| * Uterus | Polyp Stromal | Multiple |
| [ Polyp Stromal TGLS = 4-22 ] | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 950 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61517 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Thymus | * Trachea | * Urinary Bladder | |

**MISSING**

| | |
|---|---|
| * Stomach, Forestomach | * Stomach, Glandular |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | | Leukemia Mononuclear | |
| | | Mixed Cell Focus | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Mammary Gland | | Ectasia | Mild |
| | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 3-21 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 950 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Terminal Sacrifice | **HISTO:** 92-61517 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Adenoma TGLS = 2-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | Follicle | Cyst | Moderate |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 951 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55166 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Mineralization | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| | | Inflammation | Subacute, Minimal |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 1-21 ] | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

Animal Note: INFUSION ARTIFACT IN URINARY BLADDER

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 952 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55167 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Nose | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Mammary Gland | | Hyperplasia | Minimal |
| Pituitary Gland | Pars Intermed | Hemorrhage | Marked |
| [ Hemorrhage TGLS = 2-1 ] | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 953 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55168 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lung | Lymph Node, Mandibular |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Pituitary Gland | Pars Distalis | Cyst | |
| Spleen | | Pigmentation | Hemosiderin, Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 954 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55169 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 2-21 ] | | | |
| Lymph Node | Mediastinal | Hemorrhage | Mild |
| | Mediastinal | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 1-3-1 ] | | | |
| [ Pigmentation TGLS = 1-3-1 ] | | | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |
| Stomach, Glandular | | Mineralization | Mild |
| Thymus | | Cyst | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 955 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55170 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| **OBSERVATIONS** | | | |
| Bone Marrow | | Myelofibrosis | Moderate |
| Clitoral Gland | | Adenoma | |
| Heart | | Cardiomyopathy | Minimal |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| Uterus | | Hydrometra | Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 956 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55171 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Ovary |
| Parathyroid Gland | Salivary Glands | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Eye | | Cataract | Moderate |
| | Retina | Degeneration | Marked |
| [ Cataract TGLS = 1-21 ] | | | |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Mammary Gland | | Hyperplasia | Minimal |
| Nose | Mucosa | Hyperplasia | Mild |
| Pancreas | | Atrophy | Minimal |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 957 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55172 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach, Forestomach | Stomach, Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Clitoral Gland | | Inflammation | Chronic, Mild |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| Pituitary Gland | Pars Distalis | Cyst | |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 958 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55173 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Salivary Glands |
| Skin | Stomach, Forestomach | Stomach, Glandular | Thymus |
| Thyroid Gland | Trachea | Urinary Bladder | Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| Pituitary Gland | Pars Distalis | Cyst | |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 959 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55174 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lung |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Clitoral Gland | | Inflammation | Chronic, Mild |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 1-21 ] | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 960 | **TRT#:** 2 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** UNTREATDCONTROL | **DISP:** Interval Sacrifice | **HISTO:** 90-55175 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| Liver | | Basophilic Focus | |
| | | Mixed Cell Focus | |
| [ Mixed Cell Focus TGLS = 2-21 ] | | | |
| Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| Uterus | | Hydrometra | Moderate |
| | | Hyperplasia | Cystic, Minimal |
| | | Metaplasia | Squamous, Minimal |
| [ Hydrometra TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 961 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59730 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| Note: FOCI OF CELLULAR ALTERATION ARE ON SLIDE 6 | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 962 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59731 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Inflammation | Subacute, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Nose | | Exudate | |
| | | Fungus | Mild |
| | Mucosa | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| | Pars Distalis | Cyst | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 963 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59732 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Chronic, Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Urinary Bladder | Transit Epithe | Papilloma | |
| * Uterus | | Hydrometra | Moderate |
| [ Hydrometra TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 964 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59733 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 3-6 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 965 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59734 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Clitoral Gland | | Adenoma | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Mammary Gland | | Ectasia | Moderate |
| * Pituitary Gland | Pars Distalis | Cyst | |
| [ Cyst TGLS = 1-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 966 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59735 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| | | Infiltration Cellular | Histiocyte, Minimal |
| [ Hyperplasia TGLS = 5-2-1 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| * Uterus | | Hydrometra | Mild |
| [ Hydrometra TGLS = 4-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 967 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59736 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Ovary | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Mild |
| * Brain | | Compression | Moderate |
| | | Hydrocephalus | Mild |
| [ Compression TGLS = 2-1,2-1-1 ] | | | |
| * Clitoral Gland | | Inflammation | Suppurative, Minimal |
| Eye | | Cataract | Moderate |
| | Retina | Degeneration | Moderate |
| [ Cataract TGLS = 1-21 ] | | | |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | Lobules | Necrosis | Minimal |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Nose | | Exudate | |
| | Mucosa | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 967 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59736 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Thyroid Gland | C Cell | Hyperplasia | Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| | Transit Epithe | Papilloma | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 968 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59737 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| | | Hypertrophy | Focal, Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 1-21 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Spleen | | Leukemia Mononuclear | |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 969 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59738 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Clitoral Gland | | Inflammation | Chronic, Mild |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| Lymph Node | Renal | Hemorrhage | Mild |
| | Renal | Pigmentation | Marked |
| [ Hemorrhage TGLS = 2-21 ] | | | |
| [ Pigmentation TGLS = 2-21 ] | | | |
| * Pancreas | | Atrophy | Moderate |
| * Pituitary Gland | Pars Intermed | Cyst | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 970 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59231 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| | | Hemorrhage | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 2-6,2-22 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Ovary | | Cyst | |
| * Pancreas | | Atrophy | Minimal |
| * Skin | | Acanthosis | Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,1-21 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 970 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 730 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59231 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 971 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59739 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Clitoral Gland | | Adenoma | |
| [ Adenoma TGLS = 2-8 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| * Uterus | | Hydrometra | Moderate |
| [ Hydrometra TGLS = 5-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 971 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59739 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 972 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59740 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Kidney | Renal Tubule | Atrophy | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Inflammation | Subacute, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Hemorrhage | Mild |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Uterus | | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 973 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 600 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59132 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Clitoral Gland | Esophagus | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum |
| Islets, Pancreatic | Lymph Node, Mesenteric | Nose | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Moderate |
| Brain | | Compression | Moderate |
| | | Hydrocephalus | Mild |
| [ Compression TGLS = 4-1-1 ] | | | |
| Heart | | Cardiomyopathy | Mild |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 5-22 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| [ Pigmentation TGLS = 1-8 ] | | | |
| Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 2-21 ] | | | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1 ] | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 974 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59741 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| * Ovary | | Cyst | |
| [ Cyst TGLS = 1-7 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 975 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59742 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | Vagina | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Bone | Femur | Osteopetrosis | Moderate |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| * Uterus | | Polyp Stromal | |
| [ Polyp Stromal TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 976 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59743 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Hypertrophy | Focal, Minimal |
| * Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Minimal |
| Eye | | Cataract | Moderate |
| | Retina | Degeneration | Moderate |
| [ Cataract TGLS = 3-22 ] | | | |
| * Kidney | | Hydronephrosis | Marked |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Hydronephrosis TGLS = 2-21 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pituitary Gland | Pars Intermed | Cyst | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |
| * Uterus | | Hydrometra | Moderate |
| [ Hydrometra TGLS = 1-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 976 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59743 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 977 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59246 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose | * Ovary |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hemorrhage | Mild |
| | | Hyperplasia | Focal, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Basophilic Focus TGLS = 5-23,6-24 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21,1-21-1 ] | | | |
| * Pancreas | | Atrophy | Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,2-22 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 977 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59246 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Uterus<br>[ Hyperplasia TGLS = 3-7 ] | Hyperplasia | Cystic, Mild |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 978 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59744 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Mild |
| | | Hypertrophy | Focal, Minimal |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 979 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 652 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59133 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Clitoral Gland | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Liver | Lung |
| Lymph Node, Mesenteric | Nose | Ovary | Pancreas |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Mild |
| Brain | | Compression | Moderate |
| [ Compression TGLS = 3-1-1 ] | | | |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Lymph Node, Mandibular | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 2-8 ] | | | |
| Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Parathyroid Gland | | Cyst | |
| Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 4-1 ] | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 980 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59247 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Islets, Pancreatic | | Metaplasia | Hepatocyte, Mild |
| * Kidney | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Spleen | | Fibrosis | Mild |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Leukemia Mononuclear | |
| [ Hematopoietic Cell Proliferation TGLS = 1-21,2-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-21,2-6 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 981 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59745 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Skin | | Acanthosis | Minimal |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| [ Hyperplasia TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 982 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59746 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Kidney | Renal Tubule | Atrophy | Mild |
| | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| * Ovary | | Cyst | |
| * Pancreas | | Atrophy | Mild |
| * Uterus | | Hydrometra | Moderate |
| | | Hyperplasia | Cystic, Mild |
| [ Hydrometra TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 983 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59747 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| Note: BLOOD IN LIVER ON SLIDE 22 CONSIDERED ARTIFACT | | | |
| [ Eosinophilic Focus TGLS = 6-25 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Ovary | | Cyst | |
| * Skin | | Acanthosis | Moderate |
| | | Ulcer | Moderate |
| [ Acanthosis TGLS = 1-21,4-23 ] | | | |
| [ Ulcer TGLS = 1-21,4-23,5-24 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| * Uterus | | Hyperplasia | Cystic, Mild |
| [ Hyperplasia TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 984 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59748 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 1-21 ] | | | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 2-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Uterus | | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 985 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59749 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Uterus | | | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Minimal |
| * Clitoral Gland | | Adenoma | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Spleen | | Leukemia Mononuclear | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 986 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 677 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59750 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Clitoral Gland |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Nose | Ovary | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Trachea | Urinary Bladder | |

**MISSING**

Intestine Large, Colon

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Marked |
| Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| Note: MODERATE HEMORRHAGE ASSOC. WITH LEUKEMIA ON SLIDE 21; NOT CODED. | | | |
| [ Leukemia Mononuclear TGLS = 5-6,4-21 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 1-7 ] | | | |
| [ Pigmentation TGLS = 1-7 ] | | | |
| Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Mild |
| Pancreas | | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 986 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 677 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59750 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Spleen | | Hematopoietic Cell Proliferation | Moderate |
| | | Leukemia Mononuclear | |
| [ Hematopoietic Cell Proliferation TGLS = 2-6,3-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-6,3-6 ] | | | |
| Thyroid Gland | C Cell | Hyperplasia | Mild |
| Uterus | | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 987 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59751 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

| | | | |
|---|---|---|---|
| **OBSERVATIONS** | | | |
| * Adrenal Cortex | | Angiectasis | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 988 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 715 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-58934 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Brain | Clitoral Gland |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Nose | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Skin | Stomach, Forestomach | Thyroid Gland | Trachea |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Leukemia Mononuclear | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Intestine Large, Colon | | Parasite Metazoan | |
| Kidney | | Calculus Micro Observation Only | |
| | Renal Tubule | Dilatation | Mild |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6,6-24 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 2-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-22 ] | | | |
| [ Pigmentation TGLS = 4-22 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Ectasia | Mild |
| Ovary | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 988 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 715 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-58934 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Pancreas | | Leukemia Mononuclear | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,1-21,1-21-1 ] | | | |
| Stomach, Glandular | | Erosion | Mild |
| Thymus | | Leukemia Mononuclear | |
| Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 989 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59752 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Marked |
| [ Hyperplasia TGLS = 1-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 990 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 667 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59753 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Brain | Clitoral Gland |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Lymph Node, Mesenteric | Nose | Ovary |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| Bone | Femur | Osteopetrosis | Moderate |
| Bone Marrow | | Leukemia Mononuclear | |
| Intestine Small, Duodenum | | Erosion | Moderate |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| | Hepatocyte | Vacuolization Cytoplasmic | Moderate |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| [ Vacuolization Cytoplasmic TGLS = 5-6 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| Pancreas | | Atrophy | Minimal |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Stomach, Glandular | | Ulcer | Mild |
| [ Ulcer TGLS = 6-21 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 991 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59754 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Atrophy | Marked |
| | Transit Epithe | Hyperplasia | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Atrophy TGLS = 1-21 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| | | Inflammation | Subacute, Minimal |
| [ Eosinophilic Focus TGLS = 2-22 ] | | | |
| * Skin | | Acanthosis | Minimal |
| * Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 992 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59755 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Kidney | Renal Tubule | Dilatation | Moderate |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| * Uterus | | Hyperplasia | Cystic, Moderate |
| [ Hyperplasia TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 993 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59248 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Moderate |
| | | Hemorrhage | Moderate |
| [ Degeneration TGLS = 4-21,5-22 ] | | | |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 7-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| [ Basophilic Focus TGLS = 9-24 ] | | | |
| [ Hepatodiaphragmatic Nodule TGLS = 8-23 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Moderate |
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 6-1 ] | | | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 994 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59249 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Mild |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 5-1-1 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Intestine Small, Jejunum | | Leiomyosarcoma | |
| [ Leiomyosarcoma TGLS = 3-21 ] | | | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 7-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| [ Infiltration Cellular TGLS = 4-2-1 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Minimal |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 994 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59249 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Adenoma TGLS = 6-1 ] | | |
| * Spleen | Pigmentation | Hemosiderin, Mild |
| PRIMARY CAUSE OF DEATH | - | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 995 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59250 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Cyst | |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Cyst TGLS = 3-22 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Basophilic Focus TGLS = 5-23 ] | | | |
| * Lymph Node, Mesenteric | | Hemorrhage | Minimal |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Pituitary Gland | Pars Intermed | Angiectasis | Moderate |
| [ Angiectasis TGLS = 4-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,2-21 ] | | | |
| * Uterus | | Hydrometra | Mild |
| | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 996 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59756 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Pancreas | | Atrophy | Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 997 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59757 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | Tooth | * Trachea |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Clitoral Gland | | Ectasia | Mild |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| [ Eosinophilic Focus TGLS = 5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Skin | | Acanthosis | Moderate |
| | | Ulcer | Mild |
| [ Acanthosis TGLS = 2-21 ] | | | |
| [ Ulcer TGLS = 2-21 ] | | | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |
| * Uterus | | Hydrometra | Moderate |
| | | Hyperplasia | Cystic, Minimal |
| [ Hydrometra TGLS = 4-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 998 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59758 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Marked |
| [ Osteopetrosis TGLS = 1-21 ] | | | |
| * Kidney | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Thyroid Gland | C Cell | Adenoma | |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 999 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 705 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59759 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Brain |
| Clitoral Gland | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mandibular | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| Bone Marrow | | Leukemia Mononuclear | |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Lung | | Leukemia Mononuclear | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1000 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59760 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | * Uterus | | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 2-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1001 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59761 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Inflammation | Subacute, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thyroid Gland | C Cell | Hyperplasia | Mild |
| * Uterus | | Hyperplasia | Cystic, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1002 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59251 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Hyperplasia | Mild |
| * Heart | | Schwannoma Malignant | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Hepatocellular Carcinoma | |
| | Hepatocyte | Hyperplasia | Focal, Moderate |
| | | Leukemia Mononuclear | |
| [ Hepatocellular Carcinoma TGLS = 4-22 ] | | | |
| [ Hyperplasia TGLS = 6-24 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| [ Infiltration Cellular TGLS = 8-2 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 1-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Skin | | Ulcer | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1002 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59251 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Ulcer TGLS = 3-25 ] | | |
| * Spleen | Fibrosis | Moderate |
| | Leukemia Mononuclear | |
| | Pigmentation | Hemosiderin, Minimal |
| [ Fibrosis TGLS = 5-23 ] | | |
| [ Leukemia Mononuclear TGLS = 2-6,2-21 ] | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1003 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 428 |
| | **DOSE:** 2.4% | **DISP:** Dead | **HISTO:** 90-55135 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Bone | Brain | Clitoral Gland |
| Esophagus | Heart | Intestine Large, Cecum | Intestine Large, Colon |
| Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum | Islets, Pancreatic |
| Liver | Lung | Lymph Node, Mandibular | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thyroid Gland | Trachea | Urinary Bladder | Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Hyperplasia | Diffuse, Moderate |
| [ Hyperplasia TGLS = 4-10 ] | | | |
| Blood Vessel | | Hypertrophy | Moderate |
| | | Thrombosis | |
| [ Hypertrophy TGLS = 7-22 ] | | | |
| [ Thrombosis TGLS = 7-22 ] | | | |
| Bone Marrow | | Hypercellularity | Mild |
| Intestine Small, Jejunum | | Fibrosis | Marked |
| | | Perforation | |
| [ Fibrosis TGLS = 6-21 ] | | | |
| [ Perforation TGLS = 6-21 ] | | | |
| Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Mediastinal | Hyperplasia | Lymphoid, Moderate |
| [ Hemorrhage TGLS = 8-3-1 ] | | | |
| [ Hyperplasia TGLS = 8-3-1, 5-5 ] | | | |
| Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Marked |
| [ Hyperplasia TGLS = 8-3-1, 5-5 ] | | | |
| Mammary Gland | | Hyperplasia | Minimal |
| Spleen | | Hematopoietic Cell Proliferation | Marked |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1003 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 428 |
| | **DOSE:** 2.4% | **DISP:** Dead | **HISTO:** 90-55135 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| | Necrosis | Moderate |
| [ Hematopoietic Cell Proliferation TGLS = 3-6 ] | | |
| Thymus | Atrophy | Moderate |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Intestine Small, Jejunum Perforation |
| CONTRIBUTORY CAUSE OF DEATH | - Blood Vessel Thrombosis |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1004 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 652 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59134 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Rectum | Intestine Small, Duodenum | Islets, Pancreatic |
| Nose | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thyroid Gland | Trachea |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Inflammation | Chronic, Minimal |
| | | Leukemia Mononuclear | |
| [ Inflammation TGLS = 19-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 19-1 ] | | | |
| Clitoral Gland | | Inflammation | Chronic, Mild |
| [ Inflammation TGLS = 4-8 ] | | | |
| Intestine Large, Colon | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-25 ] | | | |
| Intestine Small, Ileum | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | | |
| Intestine Small, Jejunum | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-24 ] | | | |
| Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-6 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1004 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 652 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59134 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 17-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 15-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-27 ] | | | |
| [ Leukemia Mononuclear TGLS = 18-28 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| Ovary | | Cyst | |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | | |
| Pancreas | | Atrophy | Minimal |
| | Acinus | Cytoplasmic Alteration | Minimal |
| Pituitary Gland | | Leukemia Mononuclear | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| Thymus | | Leukemia Mononuclear | |
| Urinary Bladder | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1005 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59252 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**INSUFFICIENT TISSUE**

* Mammary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 2-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1006 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 683 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59762 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Blood Vessel | Bone | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Mild |
| | | Hemorrhage | Mild |
| | | Leukemia Mononuclear | |
| [ Degeneration TGLS = 5-10 ] | | | |
| [ Hemorrhage TGLS = 5-10 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| Adrenal Medulla | | Leukemia Mononuclear | |
| Bone Marrow | | Leukemia Mononuclear | |
| Brain | | Hemorrhage | Mild |
| Kidney | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-5 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1006 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 683 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59762 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Mammary Gland | | Ectasia | Minimal |
| Nose | | Exudate | |
| | | Foreign Body | |
| | Mucosa | Hyperplasia | Minimal |
| Pituitary Gland | Pars Distalis | Angiectasis | Mild |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| Uterus | | Polyp Stromal | |
| [ Polyp Stromal TGLS = 2-7 ] | | | |
| Zymbal's Gland | | Carcinoma | |
| [ Carcinoma TGLS = 9-21 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Zymbal's Gland Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1007 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59763 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Pancreas | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Kidney | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| Note: CALCULUS IS AT TIP OF PAPILLA, BENEATH TRANSITIONAL EPITHELIUM. | | | |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| Note: BASOPHILIC FOCUS IS ON SLIDE 21 | | | |
| [ Clear Cell Focus TGLS = 1-21 ] | | | |
| [ Hepatocellular Adenoma TGLS = 2-22 ] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1008 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 592 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59135 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 3-21 ] | | | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| Ovary | | Cyst | |
| Pancreas | | Atrophy | Minimal |
| Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| Urinary Bladder | Transit Epithe | Hyperplasia | Marked |
| [ Hyperplasia TGLS = 2-8 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Urinary Bladder Transit Epithe Hyperplasia |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1009 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Scheduled Sacrifice | **HISTO:** 91-59764 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Kidney | | Calculus Micro Observation Only | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | Moderate |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1010 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 498 |
| | **DOSE:** 2.4% | **DISP:** Moribund | **HISTO:** 91-59136 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Clitoral Gland | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | | | |

**MISSING**

Pituitary Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Brain | | Hydrocephalus | Moderate |
| | | Oligodendroglioma Malignant | |
| [ Oligodendroglioma Malignant TGLS = 1-1,2-1-1 ] | | | |
| Kidney | Transit Epithe | Hyperplasia | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node, Mandibular | | Hemorrhage | Mild |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH - Brain Oligodendroglioma Malignant

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1011 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 845 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60182 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Moderate |
| * Heart | | Leukemia Mononuclear | |
| * Intestine Large, Cecum | | Edema | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| | | Infiltration Cellular | Histiocyte, Moderate |
| | | Leukemia Mononuclear | |
| Note: FOCAL AREA OF NECROSIS IN LUNG PARENCHYMA; CONSIDERED RELATED TO LEUKEMIA; NOT CODED. | | | |
| [ Hyperplasia TGLS = 6-2 ] | | | |
| [ Infiltration Cellular TGLS = 6-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1011 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 845 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60182 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-3-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| [ Cyst TGLS = 5-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,2-21 ] | | | |
| * Thyroid Gland | C Cell | Adenoma | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1012 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 813 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60120 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| | | Degeneration | Fatty, Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 3-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Moderate |
| | | Pigmentation | Mild |
| * Mammary Gland | | Fibroadenoma | |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Minimal |
| * Uterus | | Hyperplasia | Cystic, Mild |
| [ Hyperplasia TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1013 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61503 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Clitoral Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatocellular Adenoma | |
| [ Basophilic Focus TGLS = 5-6 ] | | | |
| [ Hepatocellular Adenoma TGLS = 2-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Angiectasis | Moderate |
| [ Adenoma TGLS = 6-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| * Uterus | | Hyperplasia | Cystic, Mild |
| | | Polyp Stromal | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1013 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61503 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Polyp Stromal TGLS = 3-22,4-23 ]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1014 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 634 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59137 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Pigmentation TGLS = 2-5 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Hyperplasia | Lymphoid, Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Thyroid Gland | C Cell | Adenoma | |
| Tooth | | Odontoma | |
| [ Odontoma TGLS = 3-21 ] | | | |

PRIMARY CAUSE OF DEATH - Tooth Odontoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1015 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61504 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Mild |
| | | Hyperplasia | Focal, Mild |
| | | Hypertrophy | Focal, Minimal |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 4-22 ] | | | |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 6-1-1 ] | | | |
| * Clitoral Gland | | Adenoma | |
| | | Ectasia | Moderate |
| | | Inflammation | Suppurative, Mild |
| [ Adenoma TGLS = 2-8 ] | | | |
| [ Ectasia TGLS = 3-8 ] | | | |
| [ Inflammation TGLS = 3-8 ] | | | |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1015 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61504 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Pigmentation | Mild |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Nose | | Exudate | Moderate |
| | Mucosa | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-6 ] | | | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1016 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61518 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | Vagina | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hyperplasia | Focal, Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | Renal Tubule | Dilatation | Moderate |
| | Transit Epithe | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | Papilla | Necrosis | Mild |
| | | Nephropathy | Moderate |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Hepatodiaphragmatic Nodule TGLS = 7-24,8-25 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Mammary Gland | | Carcinoma | |
| | | Ectasia | Mild |

Note: MAMMARY CARCINOMA APPEARS TO BE HIGHLY ANAPLASTIC WITH SIGNIFCANT SPINDLE-SHAPED CELL COMPONENT.
[ Carcinoma TGLS = 1-21 ]

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1016 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61518 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Nose | | Exudate | Moderate |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Angiectasis | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Skin | | Acanthosis | Moderate |
| | | Ulcer | Mild |
| [ Acanthosis TGLS = 6-23 ] | | | |
| [ Ulcer TGLS = 6-23 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Carcinoma | |
| Note: TUMOR IS CONSIDERED EXOPHYTIC CARCINOMA OF THE TRANSITIONAL EPITHELIUM. | | | |
| [ Carcinoma TGLS = 2-22 ] | | | |
| * Uterus | | Polyp Stromal | |
| [ Polyp Stromal TGLS = 4-7 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1017 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61519 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| * Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 4-23 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Renal Tubule | Dilatation | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Basophilic Focus TGLS = 2-21 ] | | | |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Minimal |
| * Ovary | | Cyst | Moderate |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Moderate |
| [ Hyperplasia TGLS = 5-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1017 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61519 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Skin | Acanthosis | Moderate |
| | Ulcer | Mild |
| [ Acanthosis TGLS = 3-22 ] | | |
| [ Ulcer TGLS = 3-22 ] | | |
| * Spleen | Leukemia Mononuclear | |
| | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1018 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 927 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61359 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Mild |
| * Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-1-1 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | | Inflammation | Suppurative, Minimal |
| | | Leukemia Mononuclear | |
| | Renal Tubule | Necrosis | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Necrosis TGLS = 6-5-1 ] | | | |
| * Liver | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| | | Thrombosis | Mild |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1018 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 927 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61359 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| * Thymus | | Leukemia Mononuclear | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1019 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 971 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61520 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Stomach, Glandular | * Thymus |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Bone Marrow | | Hyperplasia | Reticulum Cell, Mild |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Transit Epithe | Hyperplasia | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Minimal |
| | Bile Duct | Hyperplasia | Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| [ Basophilic Focus TGLS = 2-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Mild |
| * Ovary | | Cyst | Moderate |
| * Pancreas | | Atrophy | Minimal |
| * Skin | | Acanthosis | Moderate |
| | | Ulcer | Moderate |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Ulcer TGLS = 1-21 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1019 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 971 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61520 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Minimal |
| * Thyroid Gland | C Cell | Adenoma | |
| | C Cell | Hyperplasia | Mild |
| * Uterus | | Hydrometra | Mild |
| PRIMARY CAUSE OF DEATH | - UNCERTAIN | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1020 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 716 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59765 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone Marrow | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| Tooth | * Trachea | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Mild |
| | Rib | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 4-22 ] | | | |
| [ Osteopetrosis TGLS = 7-23 ] | | | |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Pigmentation | Mild |
| [ Hemorrhage TGLS = 3-8 ] | | | |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Minimal |
| * Parathyroid Gland | | Angiectasis | Mild |
| * Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| | Pars Intermed | Angiectasis | Moderate |
| | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1020 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 716 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59765 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Angiectasis TGLS = 6-1 ] | | | |
| [ Angiectasis TGLS = 6-1 ] | | | |
| [ Hyperplasia TGLS = 6-1 ] | | | |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Mild |
| [ Acanthosis TGLS = 2-21 ] | | | |
| [ Hyperkeratosis TGLS = 2-21 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | C Cell | Hyperplasia | Moderate |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| PRIMARY CAUSE OF DEATH | - UNCERTAIN | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1021 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 832 |
| | **DOSE:** 2.4% | **DISP:** Natural Death | **HISTO:** 91-60121 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Moderate |
| | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | Renal Tubule | Atrophy | Moderate |
| | | Leukemia Mononuclear | |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 4-21 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-5 ] | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Spleen | | Hemorrhage | Moderate |
| | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1021 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 832 |
| | **DOSE:** 2.4% | **DISP:** Natural Death | **HISTO:** 91-60121 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Hemorrhage TGLS = 3-6-2 ]
[ Leukemia Mononuclear TGLS = 2-6-1 ]

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1022 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 779 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59840 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hemorrhage | Mild |
| [ Hemorrhage TGLS = 3-10 ] | | | |
| * Clitoral Gland | | Adenoma | |
| * Kidney | | Calculus Micro Observation Only | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Intermed | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1023 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 684 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59766 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Hemorrhage | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| [ Nephropathy TGLS = 6-5 ] | | | |
| * Liver | | Basophilic Focus | Mild |
| | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 5-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Intermed | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Uterus | | Polyp Stromal | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1023 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 684 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59766 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Polyp Stromal TGLS = 1-7 ]

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1024 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 696 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59767 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | * Blood Vessel | * Bone Marrow | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 7-22 ] | | | |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Hepatocellular Adenoma TGLS = 6-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1024 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 696 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59767 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Mild |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Liver | Hepatocellular Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1025 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 907 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60937 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Moderate |
| | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 2-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Inflammation | Suppurative, Minimal |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | Moderate |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Minimal |
| [ Basophilic Focus TGLS = 6-6 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1025 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 907 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60937 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| | Transit Epithe | Papilloma | |
| [ Papilloma TGLS = 3-8 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1026 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 740 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59768 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | | Thrombosis | Mild |
| [ Leukemia Mononuclear TGLS = 10-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-2 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-21 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1026 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 740 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59768 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| * Lymph Node, Mesenteric | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-5 ] | | |
| * Mammary Gland | Hyperplasia | Minimal |
| * Ovary | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | |
| * Spleen | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6,2-6 ] | | |
| * Stomach, Forestomach | Leukemia Mononuclear | |
| * Stomach, Glandular | Leukemia Mononuclear | |
| * Thymus | Leukemia Mononuclear | |
| * Uterus | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7,6-7-1,7-7-1 ] | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1027 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 796 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60122 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| * Heart | | Cardiomyopathy | Mild |
| * Intestine Large, Cecum | | Parasite Metazoan | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Hepatodiaphragmatic Nodule TGLS = 9-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Infiltration Cellular | Histiocyte, Minimal |
| [ Alveolar/Bronchiolar Adenoma TGLS = 11-2-1 ] | | | |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1027 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 796 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60122 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| Pancreatic | Leukemia Mononuclear | |
| Renal | Leukemia Mononuclear | |
| Pancreatic | Pigmentation | Moderate |
| Renal | Pigmentation | Marked |
| Note: NO MEDIASTINAL LYMPH NODE FOUND ON SLIDE 3-1 | | |
| [ Leukemia Mononuclear TGLS = 6-7 ] | | |
| [ Leukemia Mononuclear TGLS = 10-3 ] | | |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | |
| [ Pigmentation TGLS = 12-23 ] | | |
| * Lymph Node, Mandibular | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | Leukemia Mononuclear | |
| * Mammary Gland | Fibroadenoma | |
| Note: MAMMARY GLAND HYPERPLASIA ALSO PRESENT ON SLIDE 21. | | |
| [ Fibroadenoma TGLS = 2-21 ] | | |
| * Pancreas | Atrophy | Mild |
| * Spleen | Fibrosis | Mild |
| | Hematopoietic Cell Proliferation | Mild |
| | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-6-1 ] | | |

| | | |
|---|---|---|
| PRIMARY CAUSE OF DEATH | - Liver | Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Lung | Alveolar/Bronchiolar Adenoma;Mammary Gland Fibroadenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1028 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 971 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61521 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Brain | | Compression | Moderate |
| [ Compression TGLS = 4-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Moderate |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | Transit Epithe | Hyperplasia | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| | Bile Duct | Hyperplasia | Minimal |
| | Kupffer Cell | Pigmentation | Marked |
| [ Eosinophilic Focus TGLS = 2-21 ] | | | |
| [ Hepatocellular Carcinoma TGLS = 3-22 ] | | | |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Mild |
| | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Mild |
| | | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1028 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 971 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61521 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 5-1-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Moderate |
| * Uterus | | Hydrometra | Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Hepatocellular Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1029 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61505 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Uterus |

**MISSING**

* Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Marked |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Kidney | Transit Epithe | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Mesothelioma Nos | |
| [ Basophilic Focus TGLS = 3-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| [ Infiltration Cellular TGLS = 4-2 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Hemorrhage | Mild |
| | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Cyst | |
| * Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1029 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61505 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Mesothelioma Nos | |
| | | Pigmentation | Hemosiderin, Mild |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| | Transit Epithe | Papilloma | |
| [ Papilloma TGLS = 5-23 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1030 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 838 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60183 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Leukemia Mononuclear | |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| * Lung | | Hemorrhage | Minimal |
| | | Leukemia Mononuclear | |
| [ Hemorrhage TGLS = 4-2 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-2 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Moderate |
| * Pancreas | | Atrophy | Minimal |
| | Acinar Cell | Hyperplasia | Focal, Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1030 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 838 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60183 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1031 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61522 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Uterus |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| * Brain | | Compression | Mild |
| [ Compression TGLS = 4-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| | Lobules | Necrosis | Minimal |
| | Kupffer Cell | Pigmentation | Minimal |
| Note: BASOPH FOCUS ALSO ON SLIDE 6. | | | |
| [ Hepatocellular Adenoma TGLS = 5-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1-1 ] | | | |
| * Skin | | Keratoacanthoma | |
| [ Keratoacanthoma TGLS = 1-21 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1031 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61522 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1032 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 907 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60938 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| * Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | Kupffer Cell | Pigmentation | Mild |
| Note: BASOPH FOCUS IS ON SLIDE 21. | | | |
| [ Eosinophilic Focus TGLS = 4-21,5-22 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| Mesentery | | Lipoma | |
| [ Lipoma TGLS = 6-23 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Intermed | Angiectasis | Mild |
| [ Adenoma TGLS = 7-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| * Thyroid Gland | Follicle | Cyst | Moderate |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1032 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 907 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60938 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1033 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 886 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60939 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | Tooth | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Adrenal Medulla | | Hyperplasia | Mild |
| * Brain | | Carcinoma | Metastatic (Zymbal'S Gland) |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | | Calculus Micro Observation Only | |
| | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Nephropathy TGLS = 3-5 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Granuloma | Minimal |
| | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 4-21 ] | | | |
| * Lung | | Carcinoma | Metastatic (Zymbal'S Gland) |
| [ Carcinoma TGLS = 5-2-1 ] | | | |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Moderate |
| * Lymph Node, Mesenteric | | Hemorrhage | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1033 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 886 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60939 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Mammary Gland | | Hyperplasia | Mild |
| * Ovary | | Cyst | Moderate |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| Zymbal's Gland | | Carcinoma | |
| [ Carcinoma TGLS = 6-22,6-22-1 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Zymbal's Gland Carcinoma |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1034 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 775 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59841 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Clitoral Gland | * Esophagus | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Thymus | * Thyroid Gland |
| * Trachea | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-10 ] | | | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Bone | Femur | Osteopetrosis | Moderate |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-1,8-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| | | Leukemia Mononuclear | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Mild |
| [ Necrosis TGLS = 6-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1034 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 775 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59841 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Minimal |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Stomach, Glandular | | Erosion | Minimal |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Moderate |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| [ Hyperplasia TGLS = 2-7 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1035 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 845 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60184 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Hyperplasia | Marked |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Moderate |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Minimal |
| [ Basophilic Focus TGLS = 19-29 ] | | | |
| [ Leukemia Mononuclear TGLS = 14-6,19-29 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 15-2 ] | | | |
| Lymph Node | Mediastinal | Hemorrhage | Moderate |
| | Axillary | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1035 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 845 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60184 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Moderate |
| [ Hemorrhage TGLS = 16-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 16-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 17-28 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-22,3-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-7 ] | | | |
| [ Pigmentation TGLS = 17-28 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| Mesentery | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 12-27 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| [ Cyst TGLS = 18-1 ] | | | |
| * Skin | | Acanthosis | Moderate |
| | | Edema | Marked |
| | | Ulcer | Moderate |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Edema TGLS = 5-24 ] | | | |
| [ Ulcer TGLS = 1-21 ] | | | |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 10-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-6,9-25 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1036 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 936 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61360 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Clitoral Gland |
| Ear | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Nose | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Brain | | Compression | Mild |
| [ Compression TGLS = 10-1-1 ] | | | |
| * Heart | | Thrombosis | Marked |
| [ Thrombosis TGLS = 8-5 ] | | | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Eosinophilic Focus TGLS = 6-21 ] | | | |
| * Lung | | Edema | Mild |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Hemorrhage | Moderate |
| | | Pigmentation | Mild |
| [ Hemorrhage TGLS = 2-8 ] | | | |
| [ Pigmentation TGLS = 2-8 ] | | | |
| * Lymph Node, Mesenteric | | Hemorrhage | Moderate |
| [ Hemorrhage TGLS = 7-5 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1036 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 936 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61360 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Mammary Gland | | Ectasia | Mild |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Ovary | | Cyst | Moderate |
| [ Cyst TGLS = 4-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Angiectasis | Moderate |
| [ Adenoma TGLS = 11-1 ] | | | |
| * Skin | | Edema | Moderate |
| [ Edema TGLS = 9-8 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1037 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 928 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61361 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Inflammation | Suppurative, Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Islets, Pancreatic | | Adenoma | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| | | Pigmentation | Mild |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Ectasia | Moderate |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 3-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1037 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 928 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61361 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

[ Leukemia Mononuclear TGLS = 2-6 ]

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1038 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 719 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59769 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| * Bone | Cranium | Osteopetrosis | Mild |
| | Femur | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 10-21 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Calculus Micro Observation Only | |
| | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Basophilic Focus TGLS = 7-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1038 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 719 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59769 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-5 ] | | | |
| * Mammary Gland | | Ectasia | Moderate |
| | | Hyperplasia | Minimal |
| * Pancreas | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Distalis | Angiectasis | Minimal |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| [ Fibrosis TGLS = 5-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Thymus | | Leukemia Mononuclear | |
| * Uterus | | Polyp Stromal | |
| [ Polyp Stromal TGLS = 2-23 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

Animal Note: EXTENSIVE NECROSIS ASSOCIATED WITH LEUKEMIA IN SEVERAL LYMPH NODES; NOT CODED

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1039 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 731 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59770 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric |
| * Nose | * Ovary | * Pancreas | * Parathyroid Gland |
| * Salivary Glands | * Skin | Spinal Cord | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Mild |
| * Brain | | Compression | Marked |
| | | Hydrocephalus | Mild |
| [ Compression TGLS = 2-1-1 ] | | | |
| * Kidney | Transit Epithe | Hyperplasia | Mild |
| | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 3-21 ] | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 1-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Moderate |
| * Thyroid Gland | C Cell | Adenoma | |

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1040 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 936 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61362 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Nose |
| * Ovary | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Trachea | * Urinary Bladder | |

**MISSING**

* Thymus

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-10 ] | | | |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 6-23 ] | | | |
| * Heart | | Cardiomyopathy | Moderate |
| * Intestine Small, Jejunum | Muscularis | Hyperplasia | Moderate |
| [ Hyperplasia TGLS = 5-22 ] | | | |
| * Islets, Pancreatic | | Metaplasia | Hepatocyte, Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Hepatodiaphragmatic Nodule TGLS = 3-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| [ Infiltration Cellular TGLS = 4-2-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1040 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 936 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61362 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Mild |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Marked |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |
| * Stomach, Forestomach | | Edema | Moderate |
| | Mucosa | Hyperplasia | Mild |
| * Thyroid Gland | C Cell | Adenoma | |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1041 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 684 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59771 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Liver |
| * Lung | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Uterus |

**MISSING**

| | |
|---|---|
| * Brain | * Clitoral Gland |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| Eye | | Cataract | Moderate |
| | Retina | Degeneration | Marked |
| [ Cataract TGLS = 1-21 ] | | | |
| * Heart | | Cardiomyopathy | Minimal |
| * Intestine Large, Rectum | | Parasite Metazoan | |
| * Kidney | Renal Tubule | Atrophy | Marked |
| | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Note: THE TUBULAR ATROPHY IS IN A SEGMENTAL PATTERN SIMILAR TO THAT OF AN INFARCT | | | |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Atrophy

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1042 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61523 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mesenteric | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Hyperplasia | Focal, Mild |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| [ Basophilic Focus TGLS = 3-21 ] | | | |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Nose | | Exudate | Moderate |
| * Pancreas | Acinus | Adenoma | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 4-1 ] | | | |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1043 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 634 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59138 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Ovary | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Degeneration | Fatty, Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Hemorrhage | Minimal |
| * Clitoral Gland | | Inflammation | Chronic, Mild |
| * Kidney | Transit Epithe | Hyperplasia | Moderate |
| | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| Note: MODERATE HEMORRHAGE IN RENAL PELVIS; NOT CODED. | | | |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 5-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1043 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 634 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59138 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Intermed | Cyst | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1044 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 806 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60123 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Ovary | * Parathyroid Gland | * Stomach, Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Degeneration | Fatty, Moderate |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-10 ] | | | |
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 3-8 ] | | | |
| * Heart | | Cardiomyopathy | Moderate |
| | | Leukemia Mononuclear | |
| * Kidney | | Calculus Micro Observation Only | |
| | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | Papilla | Necrosis | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 14-5,15-24 ] | | | |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 16-25 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 20-2-1 ] | | | |
| Lymph Node | Iliac | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1044 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 806 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60123 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 19-26 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-7-1 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 17-5 ] | | | |
| * Mammary Gland | | Ectasia | Mild |
| | | Hyperplasia | Minimal |
| [ Ectasia TGLS = 2-8 ] | | | |
| Mesentery | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-23 ] | | | |
| * Pancreas | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Cyst | Moderate |
| | | Leukemia Mononuclear | |
| * Salivary Glands | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-8 ] | | | |
| * Skin | | Acanthosis | Moderate |
| | | Hyperkeratosis | Marked |
| | | Inflammation | Chronic, Mild |
| [ Acanthosis TGLS = 1-21 ] | | | |
| [ Hyperkeratosis TGLS = 1-21 ] | | | |
| [ Inflammation TGLS = 1-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 10-6-1 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 18-4 ] | | | |
| * Urinary Bladder | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-8 ] | | | |
| * Uterus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-7 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1044 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 806 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60123 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1045 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 872 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60940 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Bone Marrow |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Skin | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Degeneration | Fatty, Minimal |
| * Brain | | Astrocytoma Malignant | |
| * Clitoral Gland | | Ectasia | Moderate |
| * Heart | | Cardiomyopathy | Moderate |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| Note: CALCUS MIC OBS IS NEAR TIP ON RENAL PAPILLA. | | | |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| [ Eosinophilic Focus TGLS = 3-21 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Minimal |
| | | Pigmentation | Mild |
| * Mammary Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Salivary Glands | Duct | Cyst | Mild |
| * Spleen | | Pigmentation | Hemosiderin, Mild |
| * Stomach, Forestomach | Mucosa | Hyperplasia | Moderate |
| | | Ulcer | Marked |
| [ Ulcer TGLS = 4-22 ] | | | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1045 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 872 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60940 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Brain Astrocytoma Malignant |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1046 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 715 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-58935 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Pancreatic | Pigmentation | Moderate |
| [ Pigmentation TGLS = 1-7 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pituitary Gland | Pars Distalis | Angiectasis | Minimal |
| | Pars Intermed | Angiectasis | Mild |
| | Pars Distalis | Hyperplasia | Focal, Minimal |
| [ Angiectasis TGLS = 3-1 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-6,2-21 ] | | | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1047 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 530 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59139 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Nose | * Ovary | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 7-10 ] | | | |
| * Bone | Cranium | Osteopetrosis | Mild |
| [ Osteopetrosis TGLS = 13-26 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Intestine Small, Ileum | | Leukemia Mononuclear | |
| * Kidney | | Leukemia Mononuclear | |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Axillary | Leukemia Mononuclear | |
| | Deep Cervical | Leukemia Mononuclear | |
| | Iliac | Leukemia Mononuclear | |
| | Inguinal | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1047 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 530 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59139 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | |
|---|---|---|
| [ Leukemia Mononuclear TGLS = 3-22 ] | | |
| [ Leukemia Mononuclear TGLS = 11-25 ] | | |
| [ Leukemia Mononuclear TGLS = 14-27 ] | | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | |
| [ Leukemia Mononuclear TGLS = 10-24 ] | | |
| * Lymph Node, Mandibular | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | |
| * Lymph Node, Mesenteric | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-5 ] | | |
| * Mammary Gland | Hyperplasia | Mild |
| Mesentery | Accessory Spleen | |
| [ Accessory Spleen TGLS = 5-23 ] | | |
| * Pancreas | Leukemia Mononuclear | |
| * Spleen | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | |
| * Thymus | Leukemia Mononuclear | |

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1048 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 970 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61524 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Stomach, Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 11-26 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Minimal |
| [ Basophilic Focus TGLS = 6-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 7-23 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1048 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 970 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-61524 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 5-7,12-27 ] | | | |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |
| * Skin | | Cyst Epithelial Inclusion | |
| [ Cyst Epithelial Inclusion TGLS = 10-25 ] | | | |
| * Spleen | | Fibrosis | Moderate |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 3-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-22 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-28 ] | | | |
| * Uterus | | Polyp Stromal | |
| Note: POLYP STROMAL IS ON SLIDE 7. | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1049 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61506 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Trachea | * Urinary Bladder |
| **OBSERVATIONS** | | | |
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | | Calculus Micro Observation Only | |
| | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-21 ] | | | |
| * Thyroid Gland | C Cell | Hyperplasia | Minimal |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1050 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61507 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Trachea | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Minimal |
| | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Bone Marrow | | Hypercellularity | Mild |
| | | Necrosis | Moderate |
| * Clitoral Gland | | Ectasia | Moderate |
| * Kidney | Transit Epithe | Hyperplasia | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| [ Basophilic Focus TGLS = 2-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Hemorrhage | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Nose | | Exudate | Moderate |
| | Mucosa | Hyperplasia | Minimal |
| * Ovary | | Cyst | Moderate |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| [ Adenoma TGLS = 4-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1050 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61507 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Pigmentation | Hemosiderin, Minimal |
| * Thyroid Gland | Follicular Cel | Carcinoma | |
| [ Carcinoma TGLS = 3-3 ] | | | |
| * Urinary Bladder | Transit Epithe | Carcinoma | |
| | Transit Epithe | Hyperplasia | Marked |
| Note: NEOPLASM IS AN EXOPHYTIC CARCINOMA OF TRANSITIONAL EPITHELIUM. | | | |
| [ Carcinoma TGLS = 1-21 ] | | | |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1051 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 871 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60941 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Nose | * Parathyroid Gland |
| * Salivary Glands | * Stomach, Forestomach | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 6-10 ] | | | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Brain | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 14-1-1 ] | | | |
| * Kidney | Renal Tubule | Dilatation | Moderate |
| | Transit Epithe | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| [ Pigmentation TGLS = 7-5 ] | | | |
| * Liver | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Hepatodiaphragmatic Nodule TGLS = 9-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 8-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1051 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 871 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60941 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | Mediastinal | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 12-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 13-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 10-22 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 11-5 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Ovary | | Leukemia Mononuclear | |
| * Pancreas | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-7 ] | | | |
| * Pituitary Gland | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 15-1 ] | | | |
| * Skin | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 16-24 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Minimal |
| * Stomach, Glandular | | Erosion | Marked |
| * Thymus | | Leukemia Mononuclear | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1052 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 824 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60124 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Pancreas | * Parathyroid Gland | * Skin | * Stomach, Forestomach |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Mild |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Clitoral Gland | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Angiectasis | Mild |
| | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Angiectasis TGLS = 8-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |
| [ Pigmentation TGLS = 7-21,8-22 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| Lymph Node | Iliac | Leukemia Mononuclear | |
| | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Renal | Pigmentation | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1052 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 824 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60124 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| [ Leukemia Mononuclear TGLS = 10-23 ] | | | |
| [ Leukemia Mononuclear TGLS = 5-7-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 12-3-1 ] | | | |
| [ Leukemia Mononuclear TGLS = 11-24 ] | | | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| [ Ectasia TGLS = 2-8 ] | | | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 9-5-1 ] | | | |
| * Mammary Gland | | Hyperplasia | Mild |
| * Nose | | Exudate | Moderate |
| | | Fungus | Mild |
| | Mucosa | Metaplasia | Squamous, Mild |
| * Ovary | | Leukemia Mononuclear | |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| | | Leukemia Mononuclear | |
| * Salivary Glands | | Leukemia Mononuclear | |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6-1 ] | | | |
| * Stomach, Glandular | | Leukemia Mononuclear | |
| * Thymus | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 13-3 ] | | | |
| * Uterus | | Leukemia Mononuclear | |
| | | Polyp Stromal | |
| [ Polyp Stromal TGLS = 3-7-2 ] | | | |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1053 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 838 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60185 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Moderate |
| * Clitoral Gland | | Ectasia | Moderate |
| [ Ectasia TGLS = 1-8 ] | | | |
| * Kidney | Renal Tubule | Atrophy | Moderate |
| | | Calculus Micro Observation Only | |
| | Renal Tubule | Dilatation | Mild |
| | Transit Epithe | Hyperplasia | Mild |
| | | Mineralization | Minimal |
| | Papilla | Necrosis | Moderate |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Atrophy TGLS = 6-22,7-22 ] | | | |
| * Liver | | Basophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Basophilic Focus TGLS = 5-6,5-21 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-7 ] | | | |
| * Mammary Gland | | Ectasia | Mild |
| | | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1053 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 838 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-60185 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Nose | | Exudate | Moderate |
| * Pancreas | | Atrophy | Mild |
| | Acinus | Metaplasia | Goblet Cell, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Kidney Calculus Micro Observation Only |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1054 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61525 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Trachea | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| * Adrenal Medulla | | Hyperplasia | Minimal |
| * Brain | | Compression | Moderate |
| | | Hemorrhage | Mild |
| [ Compression TGLS = 6-1-1 ] | | | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Leukemia Mononuclear | |
| | Kupffer Cell | Pigmentation | Mild |
| [ Leukemia Mononuclear TGLS = 5-6 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Moderate |
| Note: MILD FIBROSIS ASSOC. WITH HISTIOCYTIC INFILTRATE; NOT CODED. | | | |
| [ Infiltration Cellular TGLS = 8-22 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-8 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Mild |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| * Nose | Mucosa | Hyperplasia | Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1054 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61525 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pancreas | | Atrophy | Minimal |
| [ Atrophy TGLS = 4-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| [ Adenoma TGLS = 7-1 ] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Thyroid Gland | Follicle | Cyst | Moderate |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1055 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61526 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Degeneration | Fatty, Minimal |
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Pheochromocytoma Benign | |
| Eye | | Cataract | Moderate |
| | Retina | Degeneration | Moderate |
| [ Cataract TGLS = 1-21 ] | | | |
| * Kidney | Transit Epithe | Hyperplasia | Minimal |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Minimal |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| [ Infiltration Cellular TGLS = 4-2-1,5-2-2 ] | | | |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphoid, Mild |
| | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| * Ovary | | Cyst | Moderate |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Mild |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1055 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 977 |
| | **DOSE:** 2.4% | **DISP:** Terminal Sacrifice | **HISTO:** 92-61526 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Urinary Bladder | | Calculus Micro Observation Only | |
| | Transit Epithe | Carcinoma | |
| | Transit Epithe | Hyperplasia | Marked |
| [ Calculus Micro Observation Only TGLS = 2-22 ] | | | |
| [ Carcinoma TGLS = 3-8 ] | | | |
| * Uterus | | Hyperplasia | Cystic, Minimal |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1056 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 719 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59772 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Ovary | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Uterus |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| | | Angiectasis | Minimal |
| | | Hemorrhage | Mild |
| | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Pheochromocytoma Benign | |
| * Bone Marrow | | Leukemia Mononuclear | |
| | | Myelofibrosis | Mild |
| * Kidney | Renal Tubule | Atrophy | Moderate |
| | | Calculus Micro Observation Only | |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Mineralization | Moderate |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Moderate |

Note: CALCULUS MICROS OBS IS A YELLOWISH-BROWN STAINING STRUCTURE IN THE RENAL PELVIS.
[ Atrophy TGLS = 6-22 ]

| | | | |
|---|---|---|---|
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | | Leukemia Mononuclear | |
| | | Mixed Cell Focus | |

[ Hepatodiaphragmatic Nodule TGLS = 8-23 ]
[ Leukemia Mononuclear TGLS = 7-6 ]

| | | | |
|---|---|---|---|
| * Lung | | Leukemia Mononuclear | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1056 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 719 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59772 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| Lymph Node | Mediastinal | Leukemia Mononuclear | |
| | Pancreatic | Leukemia Mononuclear | |
| | Mediastinal | Pigmentation | Moderate |
| | Pancreatic | Pigmentation | Moderate |
| [ Leukemia Mononuclear TGLS = 3-7 ] | | | |
| [ Leukemia Mononuclear TGLS = 9-3-1 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Spleen | | Fibrosis | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 5-21 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |
| * Urinary Bladder | Transit Epithe | Carcinoma | |
| | Transit Epithe | Hyperplasia | Moderate |
| [ Carcinoma TGLS = 2-8-1 ] | | | |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear |
| CONTRIBUTORY CAUSE OF DEATH | - Urinary Bladder Transit Epithe Carcinoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1057 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 858 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60942 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Mild |
| | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | | Hepatodiaphragmatic Nodule | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Hepatodiaphragmatic Nodule TGLS = 6-22 ] | | | |
| * Lung | | Infiltration Cellular | Histiocyte, Mild |
| [ Infiltration Cellular TGLS = 5-2,5-2-1 ] | | | |
| * Mammary Gland | | Fibroadenoma | |
| | | Hyperplasia | Minimal |
| [ Fibroadenoma TGLS = 1-21 ] | | | |
| [ Hyperplasia TGLS = 2-8 ] | | | |
| * Pituitary Gland | Pars Intermed | Cyst | Moderate |
| | Pars Distalis | Hyperplasia | Focal, Moderate |
| * Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 4-6 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1057 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 858 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60942 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | |
|---|---|
| * Uterus<br>[ Polyp Stromal TGLS = 3-7 ] | Polyp Stromal |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Mammary Gland Fibroadenoma |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Leukemia Mononuclear |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1058 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 737 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59773 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Blood Vessel | * Bone | * Brain | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Nose |
| * Ovary | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Leukemia Mononuclear | |
| * Adrenal Medulla | | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Leukemia Mononuclear | |
| * Intestine Large, Colon | | Parasite Metazoan | |
| * Kidney | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Mild |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 3-6 ] | | | |
| * Lung | | Leukemia Mononuclear | |
| * Lymph Node, Mandibular | | Ectasia | Mild |
| | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Minimal |
| * Pancreas | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-7 ] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| [ Hyperplasia TGLS = 4-1 ] | | | |
| * Spleen | | Fibrosis | Moderate |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1058 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 737 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59773 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Moderate |
| [ Leukemia Mononuclear TGLS = 2-6 ] | | | |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Mild |
| PRIMARY CAUSE OF DEATH | - Liver Leukemia Mononuclear | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1059 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 885 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60943 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone Marrow | * Clitoral Gland |
| * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lymph Node, Mesenteric | * Nose | * Ovary | * Parathyroid Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Uterus |

**MISSING**

Vagina

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Hematopoietic Cell Proliferation | Moderate |
| | | Hypertrophy | Focal, Mild |
| * Bone | Cranium | Osteopetrosis | Moderate |
| | Femur | Osteopetrosis | Moderate |
| [ Osteopetrosis TGLS = 10-23 ] | | | |
| * Brain | | Compression | Mild |
| [ Compression TGLS = 8-1-1 ] | | | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Renal Tubule | Dilatation | Mild |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | |
| | | Granuloma | Mild |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Hepatocellular Carcinoma | |
| | | Leukemia Mononuclear | |
| | Lobules | Necrosis | Minimal |
| | Kupffer Cell | Pigmentation | Moderate |
| [ Hepatocellular Carcinoma TGLS = 7-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 6-6 ] | | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1059 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 885 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 92-60943 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Lung | | Infiltration Cellular | Histiocyte, Minimal |
| * Lymph Node, Mandibular | | Pigmentation | Mild |
| * Mammary Gland | | Hyperplasia | Mild |
| [ Hyperplasia TGLS = 1-8 ] | | | |
| * Pancreas | | Atrophy | Minimal |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | Pars Distalis | Cyst | Moderate |
| [ Adenoma TGLS = 9-1 ] | | | |
| Skeletal Muscle | | Rhabdomyosarcoma | |
| [ Rhabdomyosarcoma TGLS = 3-21 ] | | | |
| * Spleen | | Leukemia Mononuclear | |
| | | Pigmentation | Hemosiderin, Moderate |
| * Urinary Bladder | Transit Epithe | Hyperplasia | Moderate |

| | |
|---|---|
| PRIMARY CAUSE OF DEATH | - Skeletal Muscle Rhabdomyosarcoma |
| CONTRIBUTORY CAUSE OF DEATH | - Liver Hepatocellular Carcinoma;Liver Leukemia Mononuclear;Pituitary Gland Pars Distalis Adenoma |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1060 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 740 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59774 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| * Adrenal Medulla | * Blood Vessel | * Bone | * Brain |
| * Clitoral Gland | * Esophagus | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| * Adrenal Cortex | | Angiectasis | Minimal |
| | | Hemorrhage | Moderate |
| * Bone Marrow | | Leukemia Mononuclear | |
| * Heart | | Cardiomyopathy | Mild |
| * Kidney | Renal Tubule | Hyperplasia | Minimal |
| | Transit Epithe | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Moderate |
| * Liver | | Basophilic Focus | |
| | Bile Duct | Hyperplasia | Minimal |
| | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 5-24 ] | | | |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| | Renal | Leukemia Mononuclear | |
| | Pancreatic | Pigmentation | Marked |
| | Renal | Pigmentation | Marked |
| [ Leukemia Mononuclear TGLS = 3-22 ] | | | |
| [ Leukemia Mononuclear TGLS = 4-23 ] | | | |
| * Lymph Node, Mandibular | | Leukemia Mononuclear | |
| * Lymph Node, Mesenteric | | Leukemia Mononuclear | |
| * Mammary Gland | | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1060 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 740 |
| | **DOSE:** 2.4% | **DISP:** Moribund Sacrifice | **HISTO:** 91-59774 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

| | | | |
|---|---|---|---|
| * Pituitary Gland | Pars Distalis | Cyst | |
| | Pars Distalis | Hyperplasia | Focal, Mild |
| * Spleen | | Fibrosis | Moderate |
| | | Hematopoietic Cell Proliferation | Mild |
| | | Leukemia Mononuclear | |
| [ Fibrosis TGLS = 2-21 ] | | | |
| [ Hematopoietic Cell Proliferation TGLS = 1-6 ] | | | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1061 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55176 |

## ORGAN AND ACCOUNTABLE SITE STATUS

| | | | |
|---|---|---|---|
| **NORMAL** | | | |
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Parathyroid Gland | Pituitary Gland | Salivary Glands |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |
| **INSUFFICIENT TISSUE** | | | |
| Skin | | | |
| **OBSERVATIONS** | | | |
| Bone Marrow | | Myelofibrosis | Mild |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Lymph Node, Mandibular | | Hemorrhage | Minimal |
| Pancreas | | Atrophy | Minimal |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| PRIMARY CAUSE OF DEATH | - | | |

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1062 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55177 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | Mild |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1063 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55178 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | | |

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | Renal Tubule | Atrophy | Moderate |
| | | Cyst | |
| | Renal Tubule | Dilatation | Mild |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| [ Atrophy TGLS = 1-21 ] | | | |
| Liver | | Basophilic Focus | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Pituitary Gland | Pars Intermed | Cyst | |
| Spleen | | Pigmentation | Hemosiderin, Minimal |
| Uterus | | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1064 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55179 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Brain |
| Clitoral Gland | Esophagus | Heart | Intestine Large, Cecum |
| Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum | Intestine Small, Ileum |
| Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mandibular | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone | Femur | Osteopetrosis | Mild |
| Bone Marrow | | Myelofibrosis | Minimal |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| Lung | | Infiltration Cellular | Histiocyte, Mild |
| Lymph Node, Mesenteric | | Hemorrhage | Mild |
| Spleen | | Hematopoietic Cell Proliferation | Minimal |
| | | Pigmentation | Hemosiderin, Minimal |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1065 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55180 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mesenteric |
| Mammary Gland | Nose | Ovary | Pancreas |
| Parathyroid Gland | Pituitary Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Basophilic Focus | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1066 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55181 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Pituitary Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**MISSING**

Parathyroid Gland

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Clitoral Gland | | Ectasia | Moderate |
| | | Inflammation | Chronic, Mild |
| Kidney | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | | |
| Note: TGLs = 1-21 - No Correlating lesion | | | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node, Mandibular | | Hemorrhage | Minimal |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1067 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55182 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Lymph Node, Mandibular |
| Lymph Node, Mesenteric | Mammary Gland | Nose | Ovary |
| Pancreas | Parathyroid Gland | Salivary Glands | Skin |
| Stomach, Forestomach | Stomach, Glandular | Thymus | Thyroid Gland |
| Trachea | Urinary Bladder | Uterus | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Bone Marrow | | Leukemia Mononuclear | |
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Leukemia Mononuclear | |
| Lung | | Infiltration Cellular | Histiocyte, Minimal |
| Lymph Node | Pancreatic | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 2-7-1 ] | | | |
| Pituitary Gland | Pars Distalis | Angiectasis | Moderate |
| [ Angiectasis TGLS = 3-1 ] | | | |
| Spleen | | Leukemia Mononuclear | |
| [ Leukemia Mononuclear TGLS = 1-6 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1068 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55183 |

## ORGAN AND ACCOUNTABLE SITE STATUS

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Lung | Lymph Node, Mesenteric | Mammary Gland | Nose |
| Ovary | Pancreas | Parathyroid Gland | Pituitary Gland |
| Salivary Glands | Skin | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| | Renal Tubule | Pigmentation | Mild |
| Liver | | Hepatodiaphragmatic Nodule | |
| [ Hepatodiaphragmatic Nodule TGLS = 2-21 ] | | | |
| Lymph Node, Mandibular | | Pigmentation | Mild |
| Spleen | | Pigmentation | Hemosiderin, Mild |
| Uterus | | Hydrometra | Moderate |
| [ Hydrometra TGLS = 1-7 ] | | | |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1069 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55184 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Cortex | Adrenal Medulla | Blood Vessel | Bone |
| Bone Marrow | Brain | Clitoral Gland | Esophagus |
| Heart | Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum |
| Intestine Small, Duodenum | Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic |
| Liver | Lung | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Skin | Stomach, Forestomach |
| Stomach, Glandular | Thymus | Thyroid Gland | Trachea |
| Urinary Bladder | Uterus | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Kidney | Renal Tubule | Atrophy | Moderate |
| | | Mineralization | Mild |
| | | Nephropathy | Mild |
| | Renal Tubule | Pigmentation | Mild |
| Lymph Node, Mandibular | | Hemorrhage | Minimal |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

| | | | |
|---|---|---|---|
| **ANIMAL ID:** 1070 | **TRT#:** 4 | **SEX:** Female | **DAY ON TEST:** 457 |
| | **DOSE:** 2.4% | **DISP:** Interval Sacrifice | **HISTO:** 90-55185 |

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

| | | | |
|---|---|---|---|
| Adrenal Medulla | Blood Vessel | Bone | Bone Marrow |
| Brain | Clitoral Gland | Esophagus | Heart |
| Intestine Large, Cecum | Intestine Large, Colon | Intestine Large, Rectum | Intestine Small, Duodenum |
| Intestine Small, Ileum | Intestine Small, Jejunum | Islets, Pancreatic | Liver |
| Lung | Lymph Node, Mandibular | Lymph Node, Mesenteric | Mammary Gland |
| Nose | Ovary | Pancreas | Parathyroid Gland |
| Pituitary Gland | Salivary Glands | Stomach, Forestomach | Stomach, Glandular |
| Thymus | Thyroid Gland | Trachea | Urinary Bladder |
| Uterus | | | |

**OBSERVATIONS**

| | | | |
|---|---|---|---|
| Adrenal Cortex | | Accessory Adrenal Cortical Nodule | |
| Kidney | Renal Tubule | Pigmentation | Mild |
| Mesentery | | Hemorrhage | Mild |
| | Fat | Necrosis | Mild |
| [ Hemorrhage TGLS = 2-22 ] | | | |
| [ Necrosis TGLS = 2-22 ] | | | |
| Skin | | Ulcer | Mild |
| [ Ulcer TGLS = 1-21 ] | | | |
| Spleen | | Pigmentation | Hemosiderin, Mild |

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE