C Number:	C61789B
Lock Date:	01/12/1993
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	09/14/1995

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 91-60125

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	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
[Pigmentation TGLS = 3-5]			
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-2-1]			
[Leukemia Mononuclear TGLS = 7-2-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 6-3-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 530
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 91-60125

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Preputial Gland		Cyst	Moderate
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 2-6-1]			
[Leukemia Mononuclear TGLS = 2-6-1]			
* Testes	Interstit Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58135

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
* Lymph Node, Mandibular	* 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

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Pituitary Gland	Pars Intermed	Angiectasis	Moderate
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61612

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	* Salivary Glands
* Seminal Vesicle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 6-5]			
[Pigmentation TGLS = 6-5]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Infiltration Cellular TGLS = 10-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* 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: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61612

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 11-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Edema	Moderate
		Inflammation	Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Marked
		Ulcer	Marked
[Ulcer TGLS = 9-4]			
* Stomach, Glandular		Edema	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61096

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	* Pancreas
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Prostate		Corpora Amylacea	Mild
* Salivary Glands		Atrophy	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Developmental Malformation	
		Hydrocephalus	Mild
[Developmental Malformation TGLS = 5-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-2]			
* Lymph Node, Mesenteric		Ectasia	Moderate
		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8,2-21]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Moderate

Note: INFLAMMATION PRESENT MAINLY ON SLIDE 7.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61342

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pigmentation	Mild
* Stomach, Forestomach	Edema	Moderate
* Stomach, Glandular	Edema	Moderate

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61774

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, 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
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
[Fibrosis TGLS = 2-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61527

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	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Epididymis		Edema	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 8-5]			
* Liver	Centrilobular	Atrophy	Moderate
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 9-6]			
Lymph Node	Iliac	Ectasia	Mild
	Pancreatic	Ectasia	Minimal
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-22]			
[Leukemia Mononuclear TGLS = 10-25]			
[Leukemia Mononuclear TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61527

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 11-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Minimal
		Edema	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
* Skin		Keratoacanthoma	
		Leukemia Mononuclear	
[Keratoacanthoma TGLS = 1-21]			
[Leukemia Mononuclear TGLS = 13-24]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-23]			
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 12-3]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Skin Keratoacanthoma;Thyroid Gland Follicular Cel Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61613

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5]			
[Pigmentation TGLS = 5-5]			
* Liver		Basophilic Focus	
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Mammary Gland		Hyperplasia	Mild
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL ALSO PRESENT ON SLIDES 7 AND 7-1.			
[Mesothelioma Malignant TGLS = 3-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 701
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61613

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-8-1]			
* Prostate		Inflammation	Suppurative, Moderate
* Skin	Sebaceous Gl	Carcinoma	
[Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Peritoneum Mesothelioma Malignant;Preputial Gland Adenoma;Skin Sebaceous Gl Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-23,5-6]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Marked
[Ectasia TGLS = 8-24]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-8]			
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1-1]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-8-1]			
* Prostate		Corpora Amylacea	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61755

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Moderate
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61756

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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Deep Cervical	Pigmentation	Mild
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-3-1]			
[Leukemia Mononuclear TGLS = 6-22]			
[Pigmentation TGLS = 6-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61756

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 5-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8-1]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 91-60126

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	* Mammary Gland	* Nose	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum	* Parathyroid Gland	* Thymus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 4-6,5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-3-1]			
[Leukemia Mononuclear TGLS = 6-21]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 91-60126

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 9-1]			
* Prostate		Corpora Amylacea	Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6-1,3-6-1]			
* Testes	Interstit Cell	Adenoma	
Note: ADENOMA ALSO PRESENT ON SLIDE 7.			
[Adenoma TGLS = 10-22]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, 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 Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
[Fibrosis TGLS = 2-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58136

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
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Testes	Seminif Tub	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland		Ultimobranchial Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Mild
		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Inflammation	Suppurative, Minimal
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61775

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61097

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	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hypertrophy	Focal, Moderate
* Brain		Developmental Malformation	
		Hydrocephalus	Mild
Note: "DEVELOP MALFOR" IS COMPRESSION FROM PITUITARY GLAND TUMOR. THE MORPHOLOGY "COMPRESSION" NOT AVAILABLE ON TDMS.			
[Developmental Malformation TGLS = 2-1-1]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-5]			
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Mammary Gland		Hyperplasia	Marked
* Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61343

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	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-10]			
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Leukemia Mononuclear	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 9-5]			
* Liver	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61343

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
		Leukemia Mononuclear	
	Renal	Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[Leukemia Mononuclear TGLS = 3-21]			
[Leukemia Mononuclear TGLS = 12-26]			
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pheochromocytoma Malignant TGLS = 10-25]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery			
Note: TGL 10-25 IS BENIGN CARCINOID TUMOR OF MESENTERY; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Pancreas		Atrophy	Minimal
Skeletal Muscle		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-27]			
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild
		Ulcer	Marked
[Hyperkeratosis TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			
[Ulcer TGLS = 4-22]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-24]			
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Glandular		Ulcer	Moderate
[Ulcer TGLS = 14-28]			
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61528

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, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Hypospermia	Moderate
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Ectasia	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Corpora Amylacea	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Mild
* Stomach, Forestomach		Ulcer	Mild
[Ulcer TGLS = 6-21]			
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61184

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	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 10-2-1]			
[Infiltration Cellular TGLS = 11-2]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3-1]			
[Leukemia Mononuclear TGLS = 12-22]			
[Leukemia Mononuclear TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61184

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 13-23]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Nose		Exudate	Moderate
		Foreign Body	
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Glandular		Erosion	Moderate
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Cortex			
Note: LARGE CYST IN ADRENAL CORTEX; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 6-5]			
* Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21,3-22]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
	Mucosa	Metaplasia	Squamous, Mild
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61758

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-8-1]			
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-24]			
[Leukemia Mononuclear TGLS = 4-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61776

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, Mandibular	* 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		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-10]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 10-3-1]			
[Leukemia Mononuclear TGLS = 5-7]			
[Leukemia Mononuclear TGLS = 1-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61776

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate		Corpora Amylacea	Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-22]			
[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: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58137

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 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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver		Granuloma	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1-1]			
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-21]			
* Islets, Pancreatic		Carcinoma	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5]			
* Liver		Basophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 4-8]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61777

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland	Inflammation	Suppurative, Moderate
* Prostate	Inflammation	Suppurative, Moderate
* Spleen	Fibrosis	Marked
	Pigmentation	Moderate
[Fibrosis TGLS = 2-22]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61778

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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Mild
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 3-1-1]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1-1]			
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61778

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61614

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Prostate	* 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
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Suppurative, Minimal
* Skin		Cyst Epithelial Inclusion	
		Squamous Cell Papilloma	
[Cyst Epithelial Inclusion TGLS = 2-22]			
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61614

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 5-23]		
[Hematopoietic Cell Proliferation TGLS = 4-6]		
[Leukemia Mononuclear TGLS = 4-6]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 3-7]		

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Skin	Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Blood Vessel		Hypertrophy	Moderate
		Inflammation	Subacute, Moderate
Note: BLOOD VESSEL LESIONS ARE ON SLIDE 7.			
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-21]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Adenoma	
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61779

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* 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

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 1-3-1]			
[Pigmentation TGLS = 1-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-3-1]			
* Lymph Node, Mesenteric		Ectasia	Mild
* Prostate		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61780

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, Mesenteric
* Mammary Gland	* 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
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hemorrhage	Minimal
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Mild
* Preputial Gland		Inflammation	Suppurative, Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 92-60959

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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Epididymis	* Preputial Gland	* Testes

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Necrosis	Marked
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Minimal
* Prostate		Corpora Amylacea	Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 2-21]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 92-60959

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60983

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, Mesenteric	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 6-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 3-5]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Suppurative, Marked
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60983

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Moderate
[Ulcer TGLS = 7-4-1]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61781

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	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 12-1-1]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 7-5]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 11-23]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 4-8]			
* Nose		Exudate	Moderate
		Foreign Body	
	Mucosa	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61781

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 13-1]			
* Preputial Gland		Carcinoma	
		Cyst	Moderate
[Cyst TGLS = 3-8-1]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 9-7-2]			
* Sem Ves			
Note: MODERATE EDEMA IN SEM VES (TGL 10); MORPHOLOGY NOT AVAILABLE.			
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Keratoacanthoma	
[Hyperkeratosis TGLS = 2-22]			
[Hyperplasia TGLS = 2-22]			
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 8-7]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61782

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	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
Note: ISLET CELL ADENOMA IS ON SLIDE 25.			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
[Alveolar/Bronchiolar Adenoma TGLS = 14-2-1]			
[Leukemia Mononuclear TGLS = 9-2,14-2-1]			
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61782

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 3-7,3-25]			
[Leukemia Mononuclear TGLS = 7-23]			
[Leukemia Mononuclear TGLS = 8-3-1]			
[Leukemia Mononuclear TGLS = 10-24]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-22]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-1]			
* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-4-1]			
* Stomach, Glandular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7,2-7-3]			
* 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: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* 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	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Mediastinal	Pigmentation	Marked
[Pigmentation TGLS = 7-3-1]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL ALSO PRESENT ON SLIDES 6, 7, 7-1, 7-2, AND 8.			
[Mesothelioma Malignant TGLS = 4-7-1,5-22,6-23]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61185

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Peritoneum Mesothelioma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
[Hepatocellular Adenoma TGLS = 5-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Pigmentation	Mild
	Mediastinal	Pigmentation	Moderate
	Renal	Pigmentation	Moderate
[Pigmentation TGLS = 9-27]			
[Pigmentation TGLS = 6-25]			
[Pigmentation TGLS = 7-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 10-1]			
* Preputial Gland		Adenoma	
* Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate
* Skin	Subcut Tiss	Fibroma	
		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61759

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 2-22,8-26]			
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
[Fibrosis TGLS = 3-23]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-10]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Marked
		Degeneration	Cystic, Marked
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
[Angiectasis TGLS = 8-23]			
[Degeneration TGLS = 8-23]			
[Eosinophilic Focus TGLS = 8-23]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 3-7-3]			
[Pigmentation TGLS = 3-7-3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 632
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61098

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Minimal
* Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
[Fibroma TGLS = 10-24]			
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 9-7]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Benign;Skin Subcut Tiss Fibroma;Skin Keratoacanthoma;Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
		Metaplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-7-3]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61783

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma
[Adenoma TGLS = 1-7]		
* Thyroid Gland	C Cell	Adenoma
[Adenoma TGLS = 5-3]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61529

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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-10]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-23]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 13-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61529

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 13-1]			
* Preputial Gland		Carcinoma	
		Hyperplasia	Moderate
		Inflammation	Chronic, Mild
[Carcinoma TGLS = 3-22]			
* Prostate		Inflammation	Suppurative, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 8-24]			
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
		Ulcer	Minimal
[Hyperplasia TGLS = 14-25]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7,4-7-3]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Carcinoma;Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
Note: OSSEOUS METAPLASIA IN BONE MARROW; NOT CODED.			
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
		Schwannoma Malignant	
* Intestine Large, Cecum		Edema	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Angiectasis	Moderate
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Edema	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61530

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Edema	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7,4-7-3]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Schwannoma Malignant;Pituitary Gland Pars Distalis Adenoma;Skin Basal Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58139

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	* 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		Hypospermia	
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 4-3-1]			
[Pigmentation TGLS = 4-3-1]			
* Lymph Node, Mandibular		Pigmentation	Mild
[Pigmentation TGLS = 4-3-1]			
* Lymph Node, Mesenteric		Ectasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 5-1]			
* Testes	Seminif Tub	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58139

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-7]

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 621
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60960

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	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
[Hyperplasia TGLS = 6-2,6-2-1]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinar Cell	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Preputial Gland		Cyst	Moderate
* Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 621
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60960

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-6]	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 623
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 92-60961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 3-1-1]			
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1-1]			
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 6-22]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5]			
* Liver	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Mild
* Skin	Sebaceous Gl	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61784

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-21]		
* 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: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58140

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
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	Ear
* Epididymis	* 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	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 4-22]			
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-24]			
[Leukemia Mononuclear TGLS = 7-5]			
[Leukemia Mononuclear TGLS = 11-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61615

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Ectasia	Moderate
		Leukemia Mononuclear	
[Ectasia TGLS = 8-5]			
[Leukemia Mononuclear TGLS = 8-5]			
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-23]			
* Pancreas		Atrophy	Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 10-3]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Thyroid Gland C Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60962

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	* Lung	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-10]			
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 6-5]			
[Nephropathy TGLS = 6-5]			
[Pigmentation TGLS = 6-5]			
* Liver		Degeneration	Cystic, Marked
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-7-3]			
[Leukemia Mononuclear TGLS = 9-3-1]			
* Lymph Node, Mesenteric		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60962

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Ectasia TGLS = 8-5]			
[Leukemia Mononuclear TGLS = 8-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
[Adenoma TGLS = 10-1]			
[Cyst TGLS = 10-1]			
[Leukemia Mononuclear TGLS = 10-1]			
* Preputial Gland		Inflammation	Suppurative, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-21]			
[Leukemia Mononuclear TGLS = 2-6]			
* Thyroid Gland	C Cell	Adenoma	Multiple

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 622
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* 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	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Marked
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
		Thrombosis	Mild
[Eosinophilic Focus TGLS = 5-22]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-3-1]			
[Leukemia Mononuclear TGLS = 10-7]			
[Pigmentation TGLS = 8-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 622
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60963

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Prostate		Corpora Amylacea	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61099

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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 10-5]			
[Nephropathy TGLS = 10-5]			
[Pigmentation TGLS = 10-5]			
* Liver	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 638
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61099

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-21]			
[Leukemia Mononuclear TGLS = 13-23]			
[Leukemia Mononuclear TGLS = 9-22]			
[Leukemia Mononuclear TGLS = 7-7-3]			
[Leukemia Mononuclear TGLS = 12-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 4-8]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-8-1]			
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 15-24]			
[Hyperplasia TGLS = 15-24]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 14-7]			
* Thymus			
Note: THYMUS IS ON SLIDE 3-1.			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-10]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
Note: MODERATE FAT NECROSIS ALSO PRESENT ON SLIDE 10.			
[Necrosis TGLS = 8-23]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 7-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61760

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-21]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-7,3-7]		
* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58142

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, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-8-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Epididymis	* Esophagus	* 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
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 4-1-1]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
* Liver		Angiectasis	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8,2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Mild
* Testes	Seminif Tub	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58143

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney	Mineralization	Mild
	Nephropathy	Mild
* Lymph Node, Mandibular	Hemorrhage	Minimal
* Preputial Gland	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61785

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	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 4-5]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Thrombosis	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Hyperplasia	Moderate
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61785

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 10-3]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-22]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Minimal
* Stomach, Glandular		Edema	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 91-59842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach		Edema	Mild
* Stomach, Glandular		Edema	Mild
		Erosion	Moderate
[Erosion TGLS = 5-4]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 91-59842

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear

Animal Note: TGL 6 IS CLOTTED BLOOD; NO LESION.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* 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	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-21]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
		Osteosarcoma	Metastatic (Bone)
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 4-2]			
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7,3-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Moderate
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Brain		Hemangioma	
[Hemangioma TGLS = 4-1-1]			
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Hyperplasia	Marked
Note: MAMMARY GLAND HAS LARGE CYST WHICH CONTAINS BLOOD (TGL 1-21).			
[Hyperplasia TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61786

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Mild
* Testes	Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 2-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 4-22]			
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Granuloma	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
[Inflammation TGLS = 3-7-2]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61761

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58144

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	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
[Leukemia Mononuclear TGLS = 6-5]			
[Nephropathy TGLS = 5-5]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2]			
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5-1]			
* Pancreas		Atrophy	Minimal
		Edema	Mild
* Prostate		Inflammation	Suppurative, Moderate
* Skin	Epidermis	Hyperplasia	Moderate
	Subcut Tiss	Schwannoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60965

ORGAN AND ACCOUNTABLE SITE STATUS

		Ulcer	Moderate
[Hyperplasia TGLS = 10-23]			
[Schwannoma Malignant TGLS = 9-22]			
[Ulcer TGLS = 10-23]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-21]			
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61787

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	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-22]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61772

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 6-23]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2-1]			
Mesentery		Lipoma	
	Fat	Necrosis	Moderate
[Lipoma TGLS = 1-21]			
[Necrosis TGLS = 5-22]			
* Preputial Gland		Adenoma	
* Prostate		Corpora Amylacea	Mild
* Skin		Hyperkeratosis	Marked
	Epidermis	Hyperplasia	Marked
[Hyperkeratosis TGLS = 7-24]			
[Hyperplasia TGLS = 7-24]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61772

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
		Pigmentation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61198

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-10]			
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 5-5]			
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61198

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-23]			
* Prostate		Corpora Amylacea	Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-22]			
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Squamous Cell Papilloma;Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 611
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60997

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	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Necrosis	Mild
[Leukemia Mononuclear TGLS = 4-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 611
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60997

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 11-7-3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-22]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-21,3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	Bile Duct	Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Nose	* Preputial Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-10]			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 15-1-1]			
* Heart		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-5]			
* Liver	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Alveolar/Bronchiolar Carcinoma TGLS = 10-2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60149

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 14-1-1]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 13-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6-1]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Carcinoma	
		Leukemia Mononuclear	
[Carcinoma TGLS = 11-3]			
[Leukemia Mononuclear TGLS = 12-3]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma;Skin Subcut Tiss Fibroma;Thyroid Gland Follicular Cel Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Pancreas	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Blood Vessel		Thrombosis	Moderate
[Thrombosis TGLS = 3-23]			
* Bone		Fibrous Osteodystrophy	Minimal
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 8-1-1]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Marked
[Nephropathy TGLS = 5-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Necrosis	Focal, Marked
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Necrosis TGLS = 6-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-22]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61800

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-1-1]			
* Prostate		Inflammation	Suppurative, Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Nose	* Parathyroid Gland	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Blood Vessel		Hypertrophy	Marked
		Inflammation	Subacute, Moderate
		Thrombosis	Marked
[Hypertrophy TGLS = 5-23,7-24,8-27,12-28]			
[Inflammation TGLS = 5-23,7-24,8-27,12-28]			
[Thrombosis TGLS = 5-23,7-24,8-26,12-28]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 11-26]			
[Nephropathy TGLS = 6-5,6-26]			
* Liver	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Edema	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 4-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61107

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-8]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8]			
* Pancreas		Atrophy	Minimal
		Edema	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
Skeletal Muscle		Edema	Mild
[Edema TGLS = 9-25]			
* Skin	Subcut Tiss	Edema	Marked
[Edema TGLS = 1-21,2-22]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH	- Blood Vessel Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61801

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	* 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	Moderate
* Bone		Fibrous Osteodystrophy	Minimal
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Suppurative, Mild
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61801

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61767

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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Moderate
	Bile Duct	Pigmentation	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 8-8]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-23]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61767

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58190

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Epididymis		Atypia Cellular	
* Kidney		Nephropathy	Mild
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Prostate		Inflammation	Suppurative, Moderate
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* 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	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus	* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Atrophy	Moderate
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-3-1]			
[Leukemia Mononuclear TGLS = 4-7-3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60140

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY IS ON SLIDE 7-3.			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate		Adenocarcinoma	
		Corpora Amylacea	Mild
* Spleen		Leukemia Mononuclear	
[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: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58191

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
* 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

* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
Note: MILD SUPPURATIVE INFLAMMATION IN EPIDIDYMIS; NOT CODED ON TDMS.			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Moderate
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Cytologic Alterations TGLS = 3-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61802

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* 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
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Hydronephrosis	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
[Hydronephrosis TGLS = 8-5]			
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3-1]			
[Leukemia Mononuclear TGLS = 4-7-3]			
* Pancreas		Atrophy	Minimal
		Edema	Mild
* Prostate		Corpora Amylacea	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60141

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Mild
* Skin			
Note: SKIN SECTION IS ON SLIDE 8-1			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 5-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60998

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	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Blood Vessel			
Note: AORTA IS ON SLIDE 5.			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Mild
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5]			
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Mixed Cell Focus TGLS = 4-21,4-21-1]			
* Lung		Edema	Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60998

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 5-3-1]			
[Pigmentation TGLS = 5-3-1]			
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
		Edema	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Marked
		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 1-6-1]			
* Stomach, Forestomach		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60142

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	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 8-5]			
* Liver	Centrilobular	Atrophy	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-21]			
* Pituitary Gland	Pars Intermed	Cyst	Moderate
* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-7-2]			
* Seminal Vesicle		Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60142

ORGAN AND ACCOUNTABLE SITE STATUS

[Edema TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58192

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, 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			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61803

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	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adren Cortex			
Note: ADRENAL CORTEX HAS CYST; MORPHOLOGY NOT AVAILABLE.			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-7,4-7-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	
		Granuloma	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 8-7-3]			
[Pigmentation TGLS = 8-7-3]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61803

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 3-23]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Intermed	Angiectasis	Moderate
[Adenoma TGLS = 7-1]			
* Prostate		Inflammation	Suppurative, Mild
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-25]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
[Fibrosis TGLS = 1-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 9-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
		Ultimobranchial Cyst	Moderate
[Hyperplasia TGLS = 4-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* 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	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-10]			
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-7,4-7-1]			
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 10-5]			
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
[Leukemia Mononuclear TGLS = 12-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild

Note: ALVEOLAR EPITHELIAL HYPERPLASIA IS ALSO PRESENT ON SLIDE 2.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61804

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 17-25]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 15-3-1]			
[Leukemia Mononuclear TGLS = 7-7]			
[Pigmentation TGLS = 15-3-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-5]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 16-7]			
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-7,4-7-1,8-23]			
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-22]			
[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	- Peritoneum Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Intestine Large, Colon

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Cytologic Alterations TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61805

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7,4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	Peripheral Nerve
* Salivary Glands	* Seminal Vesicle	* Skin	Spinal Cord
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Blood Vessel		Inflammation	Subacute, Mild
		Thrombosis	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 7-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 8-4]			
* Kidney		Cyst	Moderate
		Nephropathy	Marked
[Cyst TGLS = 4-21]			
[Nephropathy TGLS = 3-5]			
* Liver		Clear Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Nose	Mucosa	Hyperplasia	Mild
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61806

ORGAN AND ACCOUNTABLE SITE STATUS

[Cytoplasmic Alteration TGLS = 5-7]			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Suppurative, Moderate
* Prostate		Corpora Amylacea	Mild
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Moderate
Note: ULCER ALSO PRESENT ON SLIDE 4.			
[Ulcer TGLS = 9-22]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adren Cortex			
Note: FOCAL AREA OF BASOPHILIA; NOT CODED ON TDMS.			
* Adrenal Medulla		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Minimal
[Cytologic Alterations TGLS = 5-6]			
Lymph Node	Mediastinal	Pigmentation	Moderate
[Pigmentation TGLS = 7-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61807

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes [Adenoma TGLS = 1-7,3-7]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
* Liver		Angiectasis	Marked
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
[Angiectasis TGLS = 2-22]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 6-24]			
* Pancreas		Basophilic Focus	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61768

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Marked
[Adenoma TGLS = 1-21,1-21-1]			
[Cyst TGLS = 1-21,1-21-1]			
* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 5-23]			
[Hyperplasia TGLS = 5-23]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58193

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
* Lung		Inflammation	Subacute, Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61808

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
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 7-5]			
* Liver		Angiectasis	Moderate
	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Edema	Minimal
		Inflammation	Subacute, Mild
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61808

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-21]			
* Pancreas		Edema	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Suppurative, Mild
* Prostate		Corpora Amylacea	Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-6]			
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58194

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	* 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			
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Preputial Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Edema	Minimal
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Edema	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 8-6]			
[Leukemia Mononuclear TGLS = 9-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61349

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 5-7]			
[Leukemia Mononuclear TGLS = 10-3-1]			
[Pigmentation TGLS = 5-7]			
[Pigmentation TGLS = 10-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Angiectasis	Marked
	Fat	Necrosis	Moderate
[Angiectasis TGLS = 1-21,7-24]			
[Necrosis TGLS = 6-23]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
	Mucosa	Metaplasia	Squamous, Minimal
* Pancreas		Edema	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 11-25]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Necrosis	Moderate
[Fibrosis TGLS = 3-22,12-26]			
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61349

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7-3]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61545

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	* 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
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10]			
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10]			
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 5-2-3,6-2-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61545

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Marked
* Epididymis		Hypospermia	Moderate
* Intestine Large, Cecum		Edema	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 7-5]			
* Liver		Angiectasis	Moderate
	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61350

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 9-3-1]			
[Leukemia Mononuclear TGLS = 1-8-3]			
[Pigmentation TGLS = 9-3-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Mild
		Edema	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Prostate		Corpora Amylacea	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach		Edema	Minimal
* Stomach, Glandular		Edema	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Preputial Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Angiectasis	Moderate
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Marked
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
		Thrombosis	Marked
[Leukemia Mononuclear TGLS = 9-24]			
[Thrombosis TGLS = 10-25]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61769

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 12-5]			
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-22]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Salivary Glands		Atrophy	Mild
Skeletal Muscle		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-23]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61546

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	* Parathyroid Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 6-5]			
[Pigmentation TGLS = 6-5]			
* Liver	Centrilobular	Atrophy	Moderate
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Minimal
		Thrombosis	Minimal
[Leukemia Mononuclear TGLS = 8-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61546

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Hyperplasia TGLS = 10-2-1]			
[Infiltration Cellular TGLS = 10-2-1]			
[Leukemia Mononuclear TGLS = 11-2-1]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-23]			
[Leukemia Mononuclear TGLS = 7-22]			
[Leukemia Mononuclear TGLS = 5-7]			
[Leukemia Mononuclear TGLS = 12-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8,1-8-2]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Mild
* Pancreas		Atrophy	Mild
		Edema	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Prostate		Corpora Amylacea	Mild
		Edema	Mild
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-21]			
[Leukemia Mononuclear TGLS = 3-6,4-21]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Mild
		Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61546

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]

* Thymus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

Animal Note: IN SOME AREAS (SPLEEN, LYMPH NODES) THE LEUKEMIA RESEMBLES MALIGNANT LYMPHOCYTI C LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 575
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
	Mucosa	Metaplasia	Squamous, Minimal
* Pancreas		Atrophy	Marked
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 3-21]			
[Hyperplasia TGLS = 3-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 575
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60999

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-3]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60150

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	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Atrophy	Mild
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Subacute, Minimal
[Hyperplasia TGLS = 5-2]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 558
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60150

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61809

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	* 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			

MISSING

* Adrenal Medulla

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Moderate
* Epididymis		Hypospermia	Moderate
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Pigmentation	Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Pancreas		Atrophy	Mild
* Prostate		Corpora Amylacea	Mild
* Spleen		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61108

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	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 4-5]			
[Nephropathy TGLS = 4-5]			
[Pigmentation TGLS = 4-5]			
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61108

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-3-1]			
[Pigmentation TGLS = 6-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61810

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, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Prostate		Corpora Amylacea	Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-21]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61810

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 726
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Blood Vessel		Hypertrophy	Moderate
[Hypertrophy TGLS = 5-21]			
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1,7-1-1]			
* Kidney		Nephropathy	Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5]			
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Cytologic Alterations TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 726
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61811

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1-1]			
* Preputial Gland		Adenoma	
[Adenoma TGLS = 2-8-1]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Liver Leukemia Mononuclear;Preputial Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 560
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 91-60151

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	* Pancreas	* 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		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		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	
* Spleen		Congestion	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 560
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 91-60151

ORGAN AND ACCOUNTABLE SITE STATUS

[Congestion TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 6-6-1]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
Ear	* 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	* Salivary Glands	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Edema	Minimal
		Leukemia Mononuclear	
Lymph Node	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-22]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Note: LEUKEMIA IS ALSO ON SLIDE 5.			
[Leukemia Mononuclear TGLS = 7-23]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-21]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61812

ORGAN AND ACCOUNTABLE SITE STATUS

		Edema	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Corpora Amylacea	Moderate
	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Edema	Mild
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3-1]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 570
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61000

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	* Mammary Gland	* Parathyroid Gland
Peripheral Nerve	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1,7-1-1]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 3-21]			
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 4-6,5-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 570
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61000

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Ectasia TGLS = 8-8]			
[Leukemia Mononuclear TGLS = 8-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Moderate
* Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Moderate
* Prostate		Corpora Amylacea	Mild
Spinal Cord		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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, Mesenteric	* Mammary Gland
* Nose	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 6-5]			
[Nephropathy TGLS = 5-5]			
* Liver		Angiectasis	Moderate
		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Mild
		Granuloma	Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61770

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 11-2,11-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
* Skin	Subcut Tiss	Lipoma	
[Lipoma TGLS = 1-21]			
* Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 222
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 91-58212

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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10]			
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10]			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-1]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
* Liver		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
[Leukemia Mononuclear TGLS = 7-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 222
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 91-58212

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-8]	
* Lymph Node, Mesenteric	Leukemia Mononuclear
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-6]	
* Thymus	Leukemia Mononuclear
* Thyroid Gland	Ultimobranchial Cyst

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58195

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
* Lung		Inflammation	Subacute, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 2-3-1]			
[Pigmentation TGLS = 2-3-1]			
* Prostate		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-7-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* 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		Degeneration	Fatty, Mild
* Blood Vessel		Hypertrophy	Mild
Note: HYPERTROPHY IS ON SLIDE 4			
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-5,7-5,8-5]			
[Nephropathy TGLS = 6-5]			
* Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Moderate
		Thrombosis	Minimal
[Hepatocellular Adenoma TGLS = 9-22]			
* Lung		Edema	Moderate
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-2,10-2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61199

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Prostate		Corpora Amylacea	Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
[Fibrosis TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			

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

Animal Note: THE LEUKEMIA RESEMBLES MALIGNANT MIXED LYMPHOMA IN SEVERAL LOCATIONS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 545
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60143

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
* Preputial Gland	* Prostate	* 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]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5]			
* Liver	Centrilobular	Atrophy	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 545
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60143

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61813

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	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Malignant	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 12-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
		Thrombosis	Minimal
[Leukemia Mononuclear TGLS = 8-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61813

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-23]			
* Pancreas		Edema	Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-24]			
* Stomach, Forestomach		Edema	Mild
* Stomach, Glandular		Carcinoma	
Note: THE CARCINOMA CONTAINS EXTENSIVE CARTILAGINOUS METAPLASIA; NOT CODED.			
[Carcinoma TGLS = 10-25]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 4-1-1]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 2-6]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 5-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Prostate		Corpora Amylacea	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 586
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61001

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Suppurative, Mild
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]		
* Stomach, Glandular	Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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, 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		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 6-5-1]			
[Nephropathy TGLS = 7-5]			
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
[Basophilic Focus TGLS = 9-22]			
[Cytologic Alterations TGLS = 8-6]			
[Leukemia Mononuclear TGLS = 8-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61814

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Edema	Mild
* Prostate		Corpora Amylacea	Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7,3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Ileum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 2-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Parathyroid Gland		Hyperplasia	Moderate
* Prostate		Corpora Amylacea	Mild
* Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 628
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61109

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Marked
[Ulcer TGLS = 9-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Hypospermia	Moderate
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 6-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 8-1]			
[Cyst TGLS = 8-1]			
* Prostate		Corpora Amylacea	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61815

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-22]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
[Fibrosis TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 1-6-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61636

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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-22]			
Mesentery			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61636

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL 7-23 AND 7-23-1 ARE CYST IN MESENTERY; MORPHOLOGY NOT AVAILABLE ON TDMS.

* Nose		Exudate	Moderate
Oral Mucosa		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 9-24]			
* Pancreas		Atrophy	Minimal
* Prostate		Corpora Amylacea	Moderate
* Skin		Cyst Epithelial Inclusion	
	Subcut Tiss	Fibroma	
Note: CYST EPITH INC IS ON SLIDE 21.			
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 10-25]			
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Squamous Cell Carcinoma;Skin Subcut Tiss Fibroma;Stomach;Forestomach Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58196

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, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Suppurative, Minimal
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61771

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Hypospermia	Moderate
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Necrosis	Focal, Marked
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Subacute, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Hyperplasia	Lymphoid, Marked
[Ectasia TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61771

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
Tooth		Necrosis	Marked
Note: NECROTIC AREA HAS BEEN REPLACED LARGELY WITH FIBROTIC TISSUE.			
[Necrosis TGLS = 4-9,4-9-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Minimal
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 9-5]			
[Nephropathy TGLS = 7-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Mild
[Cytologic Alterations TGLS = 6-6]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Marked
[Hemorrhage TGLS = 3-3-1]			
[Pigmentation TGLS = 3-3-1]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Nose		Exudate	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61816

ORGAN AND ACCOUNTABLE SITE STATUS

	Mucosa	Hyperplasia	Minimal
* Pancreas	Acinar Cell	Adenoma	
		Atrophy	Mild
* Prostate		Corpora Amylacea	Moderate
* Skin	Epidermis	Hyperplasia	Marked
		Keratoacanthoma	
[Hyperplasia TGLS = 10-23]			
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
[Fibrosis TGLS = 4-22]			
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 8-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61817

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	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone		Fibrous Osteodystrophy	Minimal
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Cyst TGLS = 5-5]			
[Nephropathy TGLS = 4-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Marked
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Mucosa	Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
		Basophilic Focus	
* Skin	Epidermis	Hyperplasia	Minimal
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61817

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7,3-7]			
* Thyroid Gland	C Cell	Adenoma	Multiple
		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61773

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
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Angiectasis	Mild
	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Pancreas		Atrophy	Moderate
[Atrophy TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61773

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-24]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Rectum	* Lung	* Lymph Node, Mesenteric	* Nose
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-4]			
* Islets, Pancreatic		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
	Acinar Cell	Hyperplasia	Focal, Mild
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61002

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-1]			
* Preputial Gland		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-8-1]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60144

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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Hydronephrosis	Marked
		Nephropathy	Minimal
[Hydronephrosis TGLS = 2-22]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Pancreas		Atrophy	Mild
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Prostate		Inflammation	Suppurative, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58197

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* 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	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 2-3-1]			
* Nose	Mucosa	Metaplasia	Squamous, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61818

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	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 4-3-1]			
[Pigmentation TGLS = 4-3-1]			
* Pancreas		Atrophy	Minimal
		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61818

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* 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	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Edema	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5]			
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Edema	Minimal
		Infiltration Cellular	Histiocyte, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61200

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Infiltration Cellular TGLS = 9-2,9-2-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7-3]			
[Leukemia Mononuclear TGLS = 8-3-1]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-21]			
* Pancreas		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 10-8-1]			
* Prostate		Edema	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 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: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61763

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	* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Carcinoma	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Cyst	Moderate
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
Lymph Node	Deep Cervical	Hemorrhage	Mild
	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Deep Cervical	Pigmentation	Moderate
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 7-24]			
[Hemorrhage TGLS = 6-3-1]			
[Hyperplasia TGLS = 6-3-1]			
[Pigmentation TGLS = 7-24]			
[Pigmentation TGLS = 4-7]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61763

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-22]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
* Pancreas		Atrophy	Moderate
		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 8-1]			
* Skin		Hyperkeratosis	Minimal
	Epidermis	Hyperplasia	Mild
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Note: FIBROSIS IS PRESENT ON SLIDE 6.			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58170

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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Infarct	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Infarct TGLS = 1-5-3]			
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-5-1]			
* Pancreas		Atrophy	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Islets, Pancreatic
* Mammary Gland	* Nose	Oral Mucosa	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Blood Vessel		Thrombosis	Marked
* Bone		Fibrous Osteodystrophy	Minimal
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 10-23]			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 15-26]			
[Nephropathy TGLS = 7-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Cytologic Alterations TGLS = 8-6]			
* Lung		Edema	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61794

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Axillary	Ectasia	Mild
	Axillary	Hemorrhage	Mild
	Inguinal	Hemorrhage	Minimal
	Axillary	Hyperplasia	Lymphoid, Mild
	Inguinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Minimal
	Axillary	Pigmentation	Mild
	Mediastinal	Pigmentation	Moderate
[Ectasia TGLS = 4-22]			
[Hemorrhage TGLS = 1-21]			
[Hemorrhage TGLS = 4-22]			
[Hyperplasia TGLS = 4-22]			
[Hyperplasia TGLS = 1-8,1-21]			
[Hyperplasia TGLS = 12-3-1]			
[Pigmentation TGLS = 4-22]			
[Pigmentation TGLS = 12-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 9-5]			
[Hyperplasia TGLS = 9-5]			
* Pancreas		Edema	Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 11-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Suppurative, Minimal
* Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61794

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Edema	Minimal
* Skin	Subcut Tiss	Edema	Moderate
Note: SKIN EDEMA ALSO PRESENT ON SLIDE 8 AROUND SALIVARY GLAND.			
[Edema TGLS = 14-25]			
* Spleen		Congestion	Mild
[Congestion TGLS = 6-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations
CONTRIBUTORY CAUSE OF DEATH	- Intestine Large;Colon Polyp Adenomatous

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung
* 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	* Testes	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Moderate
* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Minimal
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
[Nephropathy TGLS = 5-5]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Mild
		Leukemia Mononuclear	
[Ectasia TGLS = 10-5]			
[Leukemia Mononuclear TGLS = 10-5]			
* Mammary Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61795

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-1]			
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-7-2]			
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 1-21]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-22]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Carcinoma	
Note: THYROID TUMOR IS UNILATERAL.			
[Carcinoma TGLS = 11-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 491
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Large, Cecum		Parasite Metazoan	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Hematopoietic Cell Proliferation	Moderate
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
[Hyperplasia TGLS = 7-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ALSO ON SLIDES 4, 5, 6, AND 8.			
[Mesothelioma Malignant TGLS = 9-7,3-7-1,4-21,5-22,6-23,8-24]			
* Pituitary Gland	Pars Intermed	Cyst	Moderate
* Prostate		Corpora Amylacea	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 491
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59843

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Peritoneum Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 0.17%	**DISP:** Other	**HISTO:** 92-61620

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
* 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 Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-10]			
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 5-5]			
* Liver		Angiectasis	Mild
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
[Cytologic Alterations TGLS = 7-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 0.17%	**DISP:** Other	**HISTO:** 92-61620

ORGAN AND ACCOUNTABLE SITE STATUS

	Acinar Cell	Hyperplasia	Focal, Moderate
Note: FOCAL ACINAR CELL HYPERPLASIA PRESENT ON SLIDES 4 AND 7.			
* Preputial Gland		Cyst	Moderate
		Hyperplasia	Mild
[Cyst TGLS = 2-8-1]			
* Prostate		Inflammation	Suppurative, Moderate
* Skin	Epidermis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

Animal Note: ANIMAL DIED UNDER ANESTHESIA DURING BLEEDING PROCEDURE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Hemorrhage	Moderate
* Epididymis		Edema	Mild
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 5-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4]			
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 3-5-1]			
[Nephropathy TGLS = 2-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
* Lung		Edema	Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61190

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 8-21]			
[Hyperplasia TGLS = 8-21]			
[Pigmentation TGLS = 8-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Mild
	Acinar Cell	Cytoplasmic Alteration	Moderate
		Edema	Mild
* Parathyroid Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 4-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
* Skin	Epidermis	Hyperplasia	Minimal
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Marked
[Hyperplasia TGLS = 9-4,9-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-24]			
* Nose		Exudate	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61764

ORGAN AND ACCOUNTABLE SITE STATUS

	Mucosa	Hyperplasia	Mild
* Pancreas		Atrophy	Moderate
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Salivary Glands		Atrophy	Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
[Fibrosis TGLS = 4-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 2-22]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 714
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Epididymis		Hypospermia	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Angiectasis	Mild
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Angiectasis TGLS = 6-22]			
Lymph Node	Deep Cervical	Hemorrhage	Minimal
	Mediastinal	Hemorrhage	Mild
	Deep Cervical	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Deep Cervical	Pigmentation	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 8-3-1]			
[Hemorrhage TGLS = 9-24]			
[Hyperplasia TGLS = 8-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 714
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61634

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 9-24]			
[Pigmentation TGLS = 9-24]			
[Pigmentation TGLS = 8-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Edema	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 10-1]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Salivary Glands		Atrophy	Minimal
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 7-23]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Cyst TGLS = 10-23]			
[Leukemia Mononuclear TGLS = 6-5]			
[Nephropathy TGLS = 6-5]			
* Liver		Angiectasis	Mild
	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61191

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 9-3-1]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 7-22]			
* Pancreas		Atrophy	Mild
		Edema	Mild
* Parathyroid Gland		Hyperplasia	Minimal
* Prostate		Corpora Amylacea	Mild
		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]			
* Stomach, Forestomach		Edema	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* 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	* 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			

OBSERVATIONS

* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hemorrhage	Moderate
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1-1]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 9-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 10-4]			
* Kidney	Renal Tubule	Carcinoma	
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Carcinoma TGLS = 12-23]			
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61537

ORGAN AND ACCOUNTABLE SITE STATUS

[Clear Cell Focus TGLS = 5-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
	Acinar Cell	Hyperplasia	Focal, Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-3]			
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Nervosa	Developmental Malformation	
[Developmental Malformation TGLS = 8-1]			
* Preputial Gland		Inflammation	Suppurative, Minimal
* Prostate		Corpora Amylacea	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
* Spleen		Congestion	Mild
		Fibrosis	Moderate
		Pigmentation	Moderate
[Fibrosis TGLS = 3-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
[Hyperplasia TGLS = 13-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Kidney Renal Tubule Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hemorrhage	Mild
* Epididymis		Granuloma Sperm	Mild
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Moderate
[Edema TGLS = 9-4]			
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 6-5]			
* Liver		Angiectasis	Mild
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
[Cytologic Alterations TGLS = 7-6]			
* Lung		Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61192

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 8-5]			
* Pancreas	Acinar Cell	Adenoma	
		Edema	Mild
	Acinar Cell	Hyperplasia	Focal, Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Marked
[Hyperplasia TGLS = 11-4,11-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58173

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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Edema	Minimal
		Hypospermia	Moderate
* Intestine Large, Cecum		Edema	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Clear Cell Focus TGLS = 5-23]			
* Lung		Edema	Minimal
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Intermed	Cyst	Moderate
[Cyst TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60988

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Moderate
		Pigmentation	Moderate
[Fibrosis TGLS = 2-21]			
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-24]			
* Stomach, Glandular		Edema	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* 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		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Moderate
Note: TGL 1-21 IS A MARKEDLY DILATED MAMMARY GLAND CONTAINING BLOOD.			
[Hyperplasia TGLS = 1-21]			
* Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61796

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61193

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	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-5]			
[Nephropathy TGLS = 8-5]			
* Liver	Centrilobular	Atrophy	Moderate
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61193

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 13-21]			
[Leukemia Mononuclear TGLS = 11-3-1]			
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-5]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
		Edema	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 14-1]			
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Forestomach		Edema	Mild
		Ulcer	Moderate
[Ulcer TGLS = 15-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 12-3]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Thyroid Gland Follicular Cel Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 453
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Thrombosis	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 5-6,6-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
[Alveolar/Bronchiolar Adenoma TGLS = 10-2-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
[Leukemia Mononuclear TGLS = 8-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 453
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59844

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-8]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Edema	Minimal
[Edema TGLS = 1-7]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6,3-21]			
* Testes	Interstit Cell	Adenoma	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-23]			
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 8-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 10-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 9-4]			
* Kidney	Renal Tubule	Hyperplasia	Marked
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 6-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Cytologic Alterations TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Subacute, Moderate
[Hyperplasia TGLS = 11-2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61635

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 11-2-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Moderate
	Mucosa	Metaplasia	Squamous, Marked
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Prostate		Corpora Amylacea	Mild
		Edema	Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 4-22]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
* Stomach, Glandular		Edema	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Malignant;Liver Leukemia Mononuclear;Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58174

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, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 3-3-1]			
[Pigmentation TGLS = 1-8, 3-3-1]			
* Lymph Node, Mandibular		Pigmentation	Mild
[Pigmentation TGLS = 1-8, 3-3-1]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Mild
* Prostate		Inflammation	Suppurative, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 13-1-1]			
* Epididymis		Hypospermia	Moderate
* Intestine Small, Duodenum		Erosion	Moderate
	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 10-4]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 7-5]			
* Liver		Angiectasis	Mild
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Clear Cell Focus TGLS = 8-24]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61538

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-1]			
* Preputial Gland		Adenoma	
		Inflammation	Suppurative, Mild
[Adenoma TGLS = 2-8-1]			
* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Mild
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
[Fibrosis TGLS = 6-23]			
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Marked
		Ulcer	Marked
[Hyperplasia TGLS = 14-4]			
[Ulcer TGLS = 9-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 11-25]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Pituitary Gland Pars Distalis Adenoma;Preputial Gland Adenoma;Tongue Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58175

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
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Brain	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone		Hyperostosis	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Intestine Large, Cecum		Edema	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 8-5]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 11-6]			
* Lung		Edema	Mild
Lymph Node	Mediastinal	Ectasia	Minimal
	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Deep Cervical	Pigmentation	Mild
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 12-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61539

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 13-21]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 10-5]			
* Nose		Exudate	Moderate
		Foreign Body	
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Mild
* Pancreas	Acinar Cell	Adenoma	
		Edema	Mild
* Prostate		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Forestomach		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 551
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Blood Vessel		Thrombosis	Moderate
* Epididymis		Atypia Cellular	Moderate
		Edema	Minimal
		Hypospermia	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5,6-5-1]			
* Liver		Granuloma	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
		Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 3-22]			
[Hemorrhage TGLS = 7-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 551
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60136

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-3-1]			
[Hyperplasia TGLS = 3-22]			
[Pigmentation TGLS = 7-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			
* Pancreas		Edema	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Salivary Glands		Edema	Mild
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 8-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Edema
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

Animal Note: EXTENSIVE EDEMA SURROUNDING SALIVARY GLAND AND MANDIBULAR LYMPH NODE.
Animal Note: PORTIONS OF THE LYMPH NODE HYPERPLASIA APPEARS TO LYMPHORETICULAR.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60989

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, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Eosinophilic Focus TGLS = 11-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
[Hyperplasia TGLS = 9-3-1]			
[Pigmentation TGLS = 9-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 7-5]			
* Nose	Mucosa	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60989

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ALSO PRESENT ON SLIDES 7, 7-2, 7-3, 8, AND 10.			
[Mesothelioma Malignant TGLS = 3-7-1,4-21,5-22,6-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 2-7,2-7-3]			
PRIMARY CAUSE OF DEATH	- Peritoneum Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0.17%	**DISP:** Natural Death	**HISTO:** 92-61103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* 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	* Pituitary Gland	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Urinary Bladder

MISSING

* Esophagus	* Lymph Node, Mandibular	* Parathyroid Gland	* Salivary Glands
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Moderate
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Moderate
	Bile Duct	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Moderate
Note: FOCAL NECROSIS IS ON SLIDE 23			
Note: TGLs = 8-23 No corresponding lesion.			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0.17%	**DISP:** Natural Death	**HISTO:** 92-61103

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 5-22]			
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Corpora Amylacea	Mild
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Skin Basal Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61346

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, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	Tooth	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Angiectasis	Mild
		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal

Note: CYSTIC DEGENERATION IS ON SLIDES 6 AND 24.
[Basophilic Focus TGLS = 6-24]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61346

ORGAN AND ACCOUNTABLE SITE STATUS

[Cytologic Alterations TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Edema	Minimal
Lymph Node	Mediastinal	Pigmentation	Marked
[Pigmentation TGLS = 12-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Oral Mucosa		Squamous Cell Carcinoma	
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS PRESENT ON THE SEROSAL SURFACE OF SEVERAL ORGANS FROM THE ABDOMINAL AND PELVIC CAVITIES.			
[Mesothelioma Malignant TGLS = 2-21,3-22,4-23,14-26]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Prostate		Edema	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
* Stomach, Glandular		Edema	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 11-7]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61797

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	* 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	Moderate
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-10]			
* Bone Marrow		Hemorrhage	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Hemorrhage	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61797

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Moderate
* Prostate		Corpora Amylacea	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61765

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	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Developmental Malformation	
		Hydrocephalus	Moderate
[Developmental Malformation TGLS = 11-1-1]			
[Hydrocephalus TGLS = 11-1-1]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney	Renal Tubule	Hyperplasia	Minimal
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 1-21,2-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-8]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61765

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 8-23]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
	Mucosa	Metaplasia	Squamous, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-1]			
* Prostate	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
[Fibrosis TGLS = 3-22]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 7-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 10-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 14-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 17-3-1]			
[Pigmentation TGLS = 17-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61194

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-5]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Mild
		Edema	Mild
* Prostate		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 15-7-2]			
* Sem Ves			
Note: SEM VES DILATED (TGL 6); MORPHOLOGY NOT AVAILABLE.			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-7]			
Urethra			
Note: URETHRA IS DILATED (TGL 5); MORPHOLOGY NOT AVAILABLE.			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Epididymis		Hypospermia	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-23]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 719
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61798

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Suppurative, Moderate
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
[Squamous Cell Papilloma TGLS = 2-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Islets, Pancreatic		Carcinoma	
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 5-23,6-22]			
[Nephropathy TGLS = 4-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mediastinal	Pigmentation	Moderate
[Pigmentation TGLS = 9-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
[Hemorrhage TGLS = 1-8]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
	Acinar Cell	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61540

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FOCAL HYPERPLASIA IS ON SLIDE 7-3.			
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 8-3]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate		Corpora Amylacea	Mild
* Spleen		Congestion	Moderate
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61541

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	* Lung	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

Ear	* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 10-3-1]			
[Pigmentation TGLS = 10-3-1]			
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Nose		Exudate	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61541

ORGAN AND ACCOUNTABLE SITE STATUS

	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Moderate
		Pigmentation	Marked
[Fibrosis TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
Tooth		Necrosis	Marked
[Necrosis TGLS = 11-9-1]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Tooth Necrosis

Animal Note: CECUM IS DILATED (TGL 7); MORPHOLOGY NOT AVAILABLE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric
* Nose	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 6-1-1]			
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 2-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
Note: EOSIN FOCUS IS ON SLIDE 22.			
[Mixed Cell Focus TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 667
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61347

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1-1]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58176

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 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
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Pituitary Gland

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 468
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59845

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, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 7-5]			
* Liver		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 6-6,8-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Iliac	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 10-21]			
[Leukemia Mononuclear TGLS = 4-7]			
[Leukemia Mononuclear TGLS = 12-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 468
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59845

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 11-22]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Salivary Glands		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
Note: FORESTOMACH HYPERPLASIA ALSO ON SLIDE 4.			
[Hyperplasia TGLS = 13-23]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58177

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
[Hemorrhage TGLS = 1-8]			
[Pigmentation TGLS = 1-8]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 1-8]			
* Prostate		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Marked
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Cytologic Alterations TGLS = 8-6]			
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Hyperplasia	Lymphoid, Minimal
	Mediastinal	Pigmentation	Moderate
[Ectasia TGLS = 9-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61542

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 9-3-1]			
* Pancreas		Atrophy	Minimal
		Edema	Mild
[Edema TGLS = 6-7]			
* Parathyroid Gland		Hyperplasia	Moderate
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-21]			
* Spleen		Fibrosis	Marked
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
[Fibrosis TGLS = 4-22]			
* Stomach, Forestomach		Edema	Marked
	Mucosa	Hyperplasia	Moderate
		Ulcer	Marked
[Ulcer TGLS = 10-4]			
* Stomach, Glandular		Edema	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Skin Basal Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61766

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	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
[Cytologic Alterations TGLS = 3-6]			
[Mixed Cell Focus TGLS = 7-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 8-3-1]			
[Hyperplasia TGLS = 8-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61766

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 8-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Suppurative, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Fibrosis	Mild
		Pigmentation	Mild
[Fibrosis TGLS = 5-22]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
Note: MODERATE FIB OSTEODYST INVOLVING FEMUR (SLIDE 9).			
[Fibrous Osteodystrophy TGLS = 8-21]			
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-4]			
* Kidney		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 2-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61195

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Salivary Glands		Basophilic Focus	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Intestine Large, Cecum	* 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
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60990

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-22]			
* Pancreas		Atrophy	Minimal
		Edema	Mild
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
Note: SPLENIC FIBROSIS IS ON SLIDE 21.			
[Leukemia Mononuclear TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60991

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Prostate		Corpora Amylacea	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60991

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61799

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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Moderate
* Skin		Hyperkeratosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61799

ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61104

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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 7-5]			
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Mild
		Developmental Malformation	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Developmental Malformation TGLS = 9-22]			
[Leukemia Mononuclear TGLS = 8-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61104

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	
	Deep Cervical	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 13-24]			
[Leukemia Mononuclear TGLS = 11-3-1]			
[Leukemia Mononuclear TGLS = 6-7-3]			
[Leukemia Mononuclear TGLS = 12-23]			
[Leukemia Mononuclear TGLS = 1-21]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 14-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61104

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus [Leukemia Mononuclear TGLS = 10-3]	Leukemia Mononuclear

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60992

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, 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

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5]			
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 6-22]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8-1]			
* Prostate		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 607
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60992

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Fibrosis	Moderate
		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
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	Peripheral Nerve
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
[Cardiomyopathy TGLS = 9-5]			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Ileum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 7-5]			
[Nephropathy TGLS = 5-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 8-6]			
Lymph Node	Renal	Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 692
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61543

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Moderate
[Hemorrhage TGLS = 11-23]			
[Leukemia Mononuclear TGLS = 11-23]			
[Pigmentation TGLS = 11-23]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-8]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 10-3]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Atrophy	Minimal
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
		Pigmentation	Moderate
[Fibrosis TGLS = 3-21,4-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-10]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 7-5]			
[Nephropathy TGLS = 7-5]			
[Pigmentation TGLS = 7-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Edema	Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61105

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-7-3]			
[Leukemia Mononuclear TGLS = 10-3-1]			
* Lymph Node, Mandibular		Ectasia	Marked
		Leukemia Mononuclear	
[Ectasia TGLS = 1-8]			
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Intermed	Angiectasis	Mild
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Corpora Amylacea	Moderate
		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 12-22]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 11-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Colon	* Islets, Pancreatic	* Mammary Gland
* Nose	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Edema	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 11-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 13-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 12-4]			
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Marked
[Cyst TGLS = 5-23]			
[Nephropathy TGLS = 4-5]			
* Liver		Angiectasis	Mild
		Cyst	Moderate
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61621

ORGAN AND ACCOUNTABLE SITE STATUS

	Kupffer Cell	Pigmentation	Mild
Note: EOSIN FOCUS IS ON SLIDE 24.			
[Cyst TGLS = 6-24]			
[Cytologic Alterations TGLS = 7-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 8-2-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
		Edema	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 10-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Moderate
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Fibrosis	Moderate
		Pigmentation	Mild
[Fibrosis TGLS = 3-22]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
* Stomach, Glandular		Edema	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
Tooth		Necrosis	Moderate
[Necrosis TGLS = 9-9]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61621

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 406
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59846

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, Mesenteric	* Mammary Gland	* Nose
* 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

* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
[Hemorrhage TGLS = 9-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 1-8]			
Oral Mucosa		Squamous Cell Papilloma	
Note: FOCI OF PYOGRANULOMATOUS INFLAMMATION IN MUSCULATURE OF TONGUE BENEATH SQUAMOUS CELL PAPILLOMA; NOT CODED.			
[Squamous Cell Papilloma TGLS = 8-21]			
* Pancreas		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Oral Mucosa Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61196

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	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Hemorrhage	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Clear Cell Focus TGLS = 5-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinar Cell	Hyperplasia	Focal, Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 650
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61196

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-22]			
* Prostate		Inflammation	Suppurative, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* 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

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
[Hemorrhage TGLS = 2-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-3-1]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Heart	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Adrenal Medulla		Leukemia Mononuclear	
		Neuroblastoma	
[Neuroblastoma TGLS = 4-22]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Moderate
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
		Thrombosis	Moderate
[Eosinophilic Focus TGLS = 6-23]			
[Leukemia Mononuclear TGLS = 5-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60993

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
* Pancreas		Atrophy	Minimal
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7,2-7-3]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Neuroblastoma;Skin Basal Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Esophagus	* Intestine Large, Rectum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-10]			
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 12-5]			
[Nephropathy TGLS = 12-5]			
[Pigmentation TGLS = 12-5]			
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61197

ORGAN AND ACCOUNTABLE SITE STATUS

	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Eosinophilic Focus TGLS = 14-24]			
[Leukemia Mononuclear TGLS = 13-6]			
* Lung		Edema	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-7-2]			
[Leukemia Mononuclear TGLS = 3-21]			
[Leukemia Mononuclear TGLS = 15-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-22]			
* Pancreas		Atrophy	Minimal
		Edema	Mild
[Edema TGLS = 7-7,7.2]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 10-23]			
[Hematopoietic Cell Proliferation TGLS = 9-6]			
[Leukemia Mononuclear TGLS = 9-6]			
* Stomach, Forestomach		Edema	Mild
		Ulcer	Moderate
[Ulcer TGLS = 17-4-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61197

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 5-7]		
* Thymus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 246
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-58211

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
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Developmental Malformation	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Developmental Malformation TGLS = 1-21]			
* Nose		Exudate	
		Foreign Body	Moderate
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	Ear	* Esophagus	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 8-4]			
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5,10-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Pigmentation	Moderate
* Pancreas	Acinar Cell	Adenoma	
	Acinar Cell	Cytoplasmic Alteration	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 672
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61348

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8-1]			
* Prostate		Corpora Amylacea	Mild
* Spleen		Pigmentation	Minimal
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Marked
[Ulcer TGLS = 11-22]			
* Stomach, Glandular		Edema	Mild
		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7,4-7-3]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Rectum	* Intestine Small, Ileum	* Islets, Pancreatic	* Nose
* Salivary Glands	* Seminal Vesicle	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Edema	Mild
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Moderate
* Intestine Large, Colon		Edema	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5]			
* Liver		Angiectasis	Mild
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Cytologic Alterations TGLS = 10-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61544

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 8-22]			
[Mixed Cell Focus TGLS = 8-22]			
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 9-5]			
[Hyperplasia TGLS = 9-5]			
* Mammary Gland		Hyperplasia	Moderate
* Pancreas	Acinar Cell	Adenoma	
		Edema	Minimal
* Parathyroid Gland		Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
Note: TWO ADENOMAS ARE PRESENT IN THE PARS DISTALIS.			
[Adenoma TGLS = 11-1]			
* Preputial Gland		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Marked
		Hematopoietic Cell Proliferation	Mild
Note: "POTTER-LIKE LESION" IN SPLEEN; NOT CODED.			
[Fibrosis TGLS = 7-21]			
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Mild
[Hyperplasia TGLS = 12-4]			
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mesenteric	* Mammary Gland
* Nose	* Preputial Gland	* Prostate	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-23]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 7-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Cyst	Marked
		Infiltration Cellular	Histiocyte, Minimal
Note: THE CYST IS FILLED WITH KERATIN AND IS BORDERED BY A CAPSULE COMPOSED OF MULTINUCLEATED GIANT CELLS AND HISTIOCYTES.			
[Cyst TGLS = 10-2-1]			
Lymph Node	Inguinal	Hemorrhage	Minimal
	Mediastinal	Hemorrhage	Mild
		Hemorrhage	Minimal
	Inguinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60137

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Mild
		Pigmentation	Moderate
[Hemorrhage TGLS = 1-21]			
[Hemorrhage TGLS = 2-22]			
[Hemorrhage TGLS = 9-3-1]			
[Hyperplasia TGLS = 1-21]			
[Hyperplasia TGLS = 2-22]			
[Hyperplasia TGLS = 9-3-1]			
[Pigmentation TGLS = 2-22]			
[Pigmentation TGLS = 9-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 3-8]			
[Hyperplasia TGLS = 3-8]			
* Pancreas		Atrophy	Mild
		Basophilic Focus	
		Edema	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Edema	Mild
Skeletal Muscle		Edema	Mild
[Edema TGLS = 8-24-1]			
* Skin	Subcut Tiss	Edema	Marked
Note: SUBCUTANEOUS EDEMA IS PRESENT ON SECTION OF SALIVARY GLAND.			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Benign;Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 384
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain		Hemorrhage	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Subacute, Minimal
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
* Lung		Carcinoma	Metastatic (Zymbal'S Gland)
[Carcinoma TGLS = 2-2,3-2]			
* Lymph Node, Mandibular		Carcinoma	Metastatic (Zymbal'S Gland)
		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Marked
[Carcinoma TGLS = 1-8]			
[Hemorrhage TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
* Salivary Glands		Carcinoma	Metastatic (Zymbal'S Gland)
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 384
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59847

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 4-21]			
PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 499
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60138

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	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
		Edema	Minimal
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Inflammation	Subacute, Mild
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
* Lung		Edema	Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 2-5]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
* Skin	Subcut Tiss	Edema	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 499
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60138

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema		
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58155

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	* 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

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 534
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60128

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
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
		Edema	Mild
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Edema	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 2-3-1]			
[Hyperplasia TGLS = 2-3-1]			
[Pigmentation TGLS = 2-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 534
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60128

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Corpora Amylacea	Mild
* Salivary Glands		Edema	Moderate
* Skin	Subcut Tiss	Edema	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58156

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, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Pancreas	Acinar Cell	Adenoma	
		Atrophy	Mild
[Adenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Blood Vessel		Hypertrophy	Moderate
[Hypertrophy TGLS = 2-21]			
* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Mixed Cell Focus TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Renal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60973

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Moderate
[Hyperplasia TGLS = 4-23]			
[Hyperplasia TGLS = 9-3-1]			
[Hyperplasia TGLS = 5-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Hyperplasia	Minimal
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach		Edema	Marked
	Mucosa	Hyperplasia	Marked
		Perforation	
		Ulcer	Marked
[Edema TGLS = 8-4]			
[Hyperplasia TGLS = 8-4]			
[Perforation TGLS = 7-4-1]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Minimal
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Edema	Minimal
		Hypospermia	Moderate
* Intestine Large, Cecum		Edema	Moderate
[Edema TGLS = 10-4]			
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 8-5]			
* Liver	Centrilobular	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Edema	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60974

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pigmentation TGLS = 11-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-22]			
* Pancreas		Atrophy	Mild
		Edema	Mild
	Acinar Cell	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Suppurative, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 7-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 12-3-2]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Skin Keratoacanthoma;Thyroid Gland Follicular Cel Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59866

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* 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

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Necrosis	Focal, Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
	Renal	Pigmentation	Marked
[Hyperplasia TGLS = 5-24]			
[Hyperplasia TGLS = 3-21]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinar Cell	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Intermed	Cyst	Moderate
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 2-23,4-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7,6-25]			

PRIMARY CAUSE OF DEATH - Skeletal Muscle Edema

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 492
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Diffuse, Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
Note: MODERATE EDEMA OF EPIDIDYMIS; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Moderate
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
Note: THE BILE DUCT HYPERPLASIA IS IN A LOCALIZED AREA.			
Note: CYTOLOGIC ALTERATION CONSISTS OF DIFFUSE INCREASED BASOPHILIA OF HEPATOCELLULAR CYTOPLASM.			
[Hyperplasia TGLS = 5-22]			
Lymph Node	Mediastinal	Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 492
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59848

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 7-3-1]			
[Pigmentation TGLS = 7-3-1]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 8-3]			
* Prostate		Corpora Amylacea	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Marked
[Hyperplasia TGLS = 9-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain
* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Minimal
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 5-5]			
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 6-6,7-21]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 596
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60975

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
		Edema	Moderate
* Pituitary Gland	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Moderate
[Ulcer TGLS = 10-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
		Ultimobranchial Cyst	Moderate
[Carcinoma TGLS = 9-3-1]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Thyroid Gland Follicular Cel Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Nose
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Hemorrhage	Mild
* Heart		Mineralization	Minimal
* Intestine Large, Cecum		Hemangioma	
[Hemangioma TGLS = 11-22]			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 12-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 14-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 13-4]			
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60976

ORGAN AND ACCOUNTABLE SITE STATUS

	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
[Cytologic Alterations TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
* Lymph Node, Mesenteric		Ectasia	Mild
		Hemorrhage	Minimal
[Ectasia TGLS = 10-21]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
	Acinar Cell	Hyperplasia	Focal, Moderate
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 8-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Marked
		Ulcer	Moderate
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-4]			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Cytologic Alterations TGLS = 5-6]			
[Pigmentation TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60977

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Marked
[Hemorrhage TGLS = 8-3-1]			
[Hyperplasia TGLS = 8-3-1]			
[Pigmentation TGLS = 8-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Nose	Mucosa	Hyperplasia	Minimal
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 10-3]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
[Fibrosis TGLS = 3-22]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
[Edema TGLS = 11-4]			
[Hyperplasia TGLS = 11-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
Tongue		Hyperplasia	Moderate
[Hyperplasia TGLS = 9-23]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58157

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	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Eye		Hemorrhage	Mild
[Hemorrhage TGLS = 1-21]			
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 3-2]			
[Infiltration Cellular TGLS = 3-2]			
Lymph Node	Mediastinal	Pigmentation	Moderate
[Pigmentation TGLS = 2-3-1]			
* Lymph Node, Mesenteric		Ectasia	Minimal
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58157

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60129

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	* Mammary Gland	* Nose
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Edema	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 3-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Edema	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
[Hyperplasia TGLS = 4-3-1]			
* Lymph Node, Mandibular		Ectasia	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 546
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60129

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Edema	Mild
* Prostate		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Moderate
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 5-21]			
* Skin	Subcut Tiss	Edema	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 566
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60978

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	* Lung
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-1,13-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 9-5]			
[Nephropathy TGLS = 9-5]			
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 10-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 566
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60978

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-7]			
[Leukemia Mononuclear TGLS = 2-21]			
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pigmentation TGLS = 11-3-1]			
[Pigmentation TGLS = 8-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-8]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Hyperplasia	Focal, Mild
Note: TWO SEPARATE ADENOMAS ARE PRESENT IN PARS DISTALIS.			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Salivary Glands		Atrophy	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-22,7-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61531

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, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-10]			
* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5]			
* Liver		Angiectasis	Moderate
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61531

ORGAN AND ACCOUNTABLE SITE STATUS

[Eosinophilic Focus TGLS = 7-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Mild
[Pigmentation TGLS = 11-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-8]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Moderate
	Mucosa	Metaplasia	Squamous, Mild
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-9-2]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Moderate
* Skin		Hyperkeratosis	Marked
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Moderate
[Hyperplasia TGLS = 9-4-1,10-23]			
[Ulcer TGLS = 10-23]			
* Stomach, Glandular		Edema	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7,4-7]			

PRIMARY CAUSE OF DEATH - Oral Mucosa Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61531

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla	Pheochromocytoma Benign;Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Eosinophilic Focus TGLS = 6-23]			
[Mixed Cell Focus TGLS = 7-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 8-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59867

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Angiectasis	Moderate
[Angiectasis TGLS = 5-22]			
* Prostate		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 3-26,9-25]			
* Skin	Subcut Tiss	Edema	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Edema
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

Animal Note: TGL 1 CONSIDERED NORMAL STRUCTURE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60979

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	* Mammary Gland	* Parathyroid Gland
* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Minimal
		Mesothelioma Malignant	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 7-5]			
[Nephropathy TGLS = 7-5]			
* Liver		Angiectasis	Mild
	Centrilobular	Atrophy	Moderate
		Eosinophilic Focus	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Edema	Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60979

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-21]			
[Leukemia Mononuclear TGLS = 9-22]			
[Leukemia Mononuclear TGLS = 10-3-1]			
[Pigmentation TGLS = 9-22]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Minimal
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 320
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 91-58207

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, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Eye		Congestion	Moderate
Note: CONGESTION INVOLVES THE BLOOD VESSELS OF THE IRIS			
[Congestion TGLS = 1-21]			
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Congestion	Moderate
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Congestion	Mild
		Edema	Mild
[Congestion TGLS = 4-2]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 2-8]			
[Hyperplasia TGLS = 5-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Mild
[Hemorrhage TGLS = 2-8]			
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 320
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 91-58207

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Suppurative, Minimal
* Salivary Glands	Edema	Mild
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 345
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-58208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Blood Vessel	* Pituitary Gland

OBSERVATIONS

* Blood Vessel			
Note: AORTA IS MISSING.			
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Edema	Mild
Note: EDEMA IS PERIVASCULAR (SLIDE 2) & IN MEDIASTINUM (SLIDE 3)			
[Edema TGLS = 2-3]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
		Basophilic Focus	
* Salivary Glands		Edema	Minimal
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 4-21,5-21]			

PRIMARY CAUSE OF DEATH - Skeletal Muscle Edema

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Brain	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Mild
		Granuloma Sperm	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Moderate
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 9-5]			
* Liver		Angiectasis	Moderate
	Centrilobular	Atrophy	Moderate
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Moderate
[Clear Cell Focus TGLS = 11-23]			
[Eosinophilic Focus TGLS = 11-6]			
[Leukemia Mononuclear TGLS = 10-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61187

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Edema	Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	
	Renal	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 2-21]			
[Leukemia Mononuclear TGLS = 18-24]			
[Leukemia Mononuclear TGLS = 16-3-1]			
[Pigmentation TGLS = 18-24]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 12-5]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Edema	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 15-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Edema	Mild
* Salivary Glands		Atrophy	Minimal
		Edema	Mild
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 8-22]			
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Marked
* Stomach, Glandular		Edema	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61187

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 19-25,19-25-1]			

PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
Note: FOCAL AREA OF BASOPHILIA IN ADRENAL CORTEX; NOT CODED ON TDMS.			
* Adrenal Medulla		Hyperplasia	Moderate
* Blood Vessel		Hypertrophy	Mild
		Inflammation	Subacute, Moderate
Note: BLOOD VESSEL LESIONS ARE ON SLIDE 7.			
* Bone			
Note: MILD OSTEOPETROSIS OF FEMUR; NOT CODED ON TDMS.			
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 2-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
Lymph Node	Renal	Pigmentation	Moderate
[Pigmentation TGLS = 3-21]			
* Pancreas		Atrophy	Moderate
	Acinar Cell	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61788

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate		Corpora Amylacea	Moderate
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 496
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59849

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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Hypospermia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 9-5]			
[Pigmentation TGLS = 9-5]			
* Liver		Clear Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Iliac	Hemorrhage	Moderate
	Mediastinal	Hemorrhage	Minimal
		Hemorrhage	Mild
	Iliac	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
		Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
		Pigmentation	Mild

Note: THE LYMPH NODE HYPERPLASIA HAS A LYMPHORETICULAR COMPONENT IN SOME AREAS.
Note: THE PIGMENT IN THE ILIAC LYMPH NODE CONSIDERED TO BE FROM THE TAIL TATTOO.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 496
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59849

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 14-26]			
[Hemorrhage TGLS = 3-21]			
[Hemorrhage TGLS = 13-3-1]			
[Hyperplasia TGLS = 14-26]			
[Hyperplasia TGLS = 3-21]			
[Hyperplasia TGLS = 13-3-1]			
[Pigmentation TGLS = 13-3-1]			
[Pigmentation TGLS = 3-21]			
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ALSO ON SLIDES 4, 6, 7, 7-2, AND 8.			
[Mesothelioma Malignant TGLS = 8-23,10-24,11-7-1,12-25]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Corpora Amylacea	Mild
		Edema	Mild
* Salivary Glands		Edema	Minimal
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 1-8]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			
* Thyroid Gl			
Note: BASOPHILIC STIPPLING OF THYROID GLAND COLLOID; CONSIDERED TO BE ARTIFACT.			

PRIMARY CAUSE OF DEATH	- Peritoneum Mesothelioma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Edema

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Colon

OBSERVATIONS

Eye		Hemorrhage	Mild
[Hemorrhage TGLS = 1-21]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Minimal
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59868

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	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 12-27]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Edema	Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
		Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 11-26]			
[Hyperplasia TGLS = 10-25]			
* Lymph Node, Mandibular		Hemorrhage	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 498
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59868

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hemorrhage	Mild
[Hemorrhage TGLS = 7-5]			
* Pancreas		Atrophy	Minimal
		Edema	Minimal
	Acinar Cell	Hyperplasia	Focal, Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Salivary Glands		Edema	Minimal
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 8-22,9-23]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Mild
[Fibrosis TGLS = 5-24]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Edema
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma;Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60980

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, Ileum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Preputial Gland	* Seminal Vesicle	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5]			
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
		Thrombosis	Minimal
Lymph Node	Renal	Hemorrhage	Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
	Renal	Pigmentation	Moderate
[Hemorrhage TGLS = 6-22]			
[Hyperplasia TGLS = 6-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60980

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 6-22]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Hemorrhage TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
[Pigmentation TGLS = 1-8]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Salivary Glands		Atrophy	Minimal
		Edema	Minimal
* Skin	Subcut Tiss	Edema	Moderate
* Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
[Fibrosis TGLS = 4-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
Note: FORESTOMACH HYPERPLASIA IS ALSO ON SLIDE 4.			
[Hyperplasia TGLS = 8-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 10-4]			
* Kidney		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 4-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
[Cytologic Alterations TGLS = 7-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Mild
		Edema	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61789

ORGAN AND ACCOUNTABLE SITE STATUS

		Thrombosis	Moderate
[Atrophy TGLS = 3-7]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 8-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 13-1]			
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Minimal
[Fibrosis TGLS = 2-21]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Marked
* Stomach, Glandular		Edema	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
Tongue	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 9-22]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

Animal Note: MODERATE GLIOSIS OF OPTIC NERVE ON SLIDE 1; NOT CODED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Leukemia Mononuclear	
* Brain		Thrombosis	Marked
[Thrombosis TGLS = 20-25]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5,7-1]			
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 14-4]			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 10-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61790

ORGAN AND ACCOUNTABLE SITE STATUS

	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
		Thrombosis	Moderate
Note: LIVER THROMBUS IS WELL ORGANIZED.			
[Eosinophilic Focus TGLS = 12-23,24]			
[Hepatodiaphragmatic Nodule TGLS = 13-24]			
[Leukemia Mononuclear TGLS = 11-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Edema	Minimal
	Alveolar Epith	Hyperplasia	Mild
Note: PORTIONS OF THE ALV BRON CARC HAVE A SQUAMOUS DIFFERENTIATION.			
[Alveolar/Bronchiolar Carcinoma TGLS = 17-2-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 18-3-1]			
[Pigmentation TGLS = 18-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Edema	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 15-3]			
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-7,5-7-1,6-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 19-1]			
[Hyperplasia TGLS = 19-1]			
* Preputial Gland		Carcinoma	
		Inflammation	Suppurative, Mild
* Prostate		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61790

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 8-22]			
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 4-7]			
[Mesothelioma Malignant TGLS = 5-7]			
* Thyroid Gland	C Cell	Adenoma	
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 16-26]			

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear			
CONTRIBUTORY CAUSE OF DEATH	- Lung	Alveolar/Bronchiolar Carcinoma;Peritoneum	Mesothelioma Malignant;Preputial Gland	Carcinoma;Tongue	Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Nose	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Minimal
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Ileum		Carcinoma	
[Carcinoma TGLS = 16-27]			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 8-5]			
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 14-6]			
Lymph Node	Iliac	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61616

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Iliac	Pigmentation	Moderate
	Pancreatic	Pigmentation	Marked
	Renal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 11-25]			
[Leukemia Mononuclear TGLS = 17-3-1]			
[Leukemia Mononuclear TGLS = 6-23]			
[Leukemia Mononuclear TGLS = 12-26]			
[Pigmentation TGLS = 6-23]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 15-5]			
* Mammary Gland		Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			
* Pancreas		Atrophy	Mild
		Edema	Minimal
		Thrombosis	Moderate
[Atrophy TGLS = 9-7]			
* Parathyroid Gland		Hyperplasia	Moderate
* Prostate		Corpora Amylacea	Mild
		Edema	Mild
	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Spleen		Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61616

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Fibrosis TGLS = 10-24]			
* Stomach, Forestomach		Edema	Moderate
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Ileum Carcinoma;Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* 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
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-10]			
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-5,7-5]			
[Nephropathy TGLS = 6-5]			
* Liver		Angiectasis	Marked
	Centrilobular	Atrophy	Moderate
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 693
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61532

ORGAN AND ACCOUNTABLE SITE STATUS

		Thrombosis	Moderate
[Hepatocellular Adenoma TGLS = 10-24]			
[Leukemia Mononuclear TGLS = 11-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 9-23]			
* Pancreas		Edema	Minimal
* Preputial Gland		Hyperplasia	Mild
* Prostate		Corpora Amylacea	Mild
* Skin	Sebaceous Gl	Carcinoma	
[Carcinoma TGLS = 1-21]			
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-22]			
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Skin Sebaceous Gl Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Blood Vessel		Thrombosis	Moderate
Note: THROMBI ARE ON SLIDE 7.			
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 12-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 14-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Ulcer	Mild
[Hyperplasia TGLS = 9-25,13-4]			
[Inflammation TGLS = 9-25]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61617

ORGAN AND ACCOUNTABLE SITE STATUS

	Hepatocyte	Pigmentation	Moderate
[Cytologic Alterations TGLS = 7-24,8-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
[Ectasia TGLS = 11-3-1]			
[Hyperplasia TGLS = 3-7]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 1-8]			
* Lymph Node, Mesenteric		Ectasia	Marked
		Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 5-23]			
Mesentery		Cyst	Mild
	Fat	Necrosis	Moderate
[Cyst TGLS = 10-26]			
[Necrosis TGLS = 4-22]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 15-1]			
* Prostate		Inflammation	Suppurative, Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
[Fibrosis TGLS = 2-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61617

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* 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	* Mammary Gland	* Nose	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Minimal
		Hypospermia	Moderate
* Intestine Large, Cecum		Edema	Moderate
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 5-5]			
* Liver		Angiectasis	Moderate
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
		Thrombosis	Mild
[Leukemia Mononuclear TGLS = 8-6,9-6]			
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 10-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 615
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60981

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pigmentation TGLS = 11-3-1]			
* Pancreas		Atrophy	Minimal
		Edema	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Prostate		Corpora Amylacea	Moderate
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Marked
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Parathyroid Gland
* Seminal Vesicle	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Parasite Metazoan	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 11-5]			
[Nephropathy TGLS = 11-5]			
[Pigmentation TGLS = 11-5]			
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 9-6]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61791

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
		Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
	Renal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 2-22,15-27]			
[Leukemia Mononuclear TGLS = 16-28]			
[Leukemia Mononuclear TGLS = 8-7]			
[Leukemia Mononuclear TGLS = 14-3-1]			
[Leukemia Mononuclear TGLS = 12-25]			
[Pigmentation TGLS = 12-25]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-23]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Edema	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
		Leukemia Mononuclear	
[Angiectasis TGLS = 17-1]			
[Leukemia Mononuclear TGLS = 17-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Atrophy	Minimal
		Edema	Minimal
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61791

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-24]			
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7]			

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Renal Tubule	Adenoma;Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Heart	* 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	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Blood Vessel		Inflammation	Subacute, Mild
		Thrombosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Mild
		Mesothelioma Malignant	
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-5]			
[Nephropathy TGLS = 8-5]			
* Liver	Centrilobular	Atrophy	Mild
		Clear Cell Focus	
		Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61188

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatodiaphragmatic Nodule TGLS = 9-22]			
[Leukemia Mononuclear TGLS = 10-6]			
* Lung		Edema	Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 12-3-1]			
[Leukemia Mononuclear TGLS = 6-7]			
[Leukemia Mononuclear TGLS = 11-23]			
[Pigmentation TGLS = 11-23]			
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8-2]			
* Nose		Exudate	Moderate
		Foreign Body	
	Mucosa	Hyperplasia	Moderate
	Mucosa	Metaplasia	Squamous, Moderate
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-21]			
* Prostate		Edema	Minimal
* Salivary Glands		Edema	Minimal
* Skin	Subcut Tiss	Edema	Marked
Note: SKIN EDEMA ALSO ON SLIDE 8.			
[Edema TGLS = 14-24]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 658
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61188

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58159

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

Eye		Cataract	Mild
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-21]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Lung		Inflammation	Subacute, Minimal
* Preputial Gland		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Blood Vessel		Mineralization	Moderate
Note: MINERALIZATION INVOLVES AORTA AND SEVERAL OTHER BLOOD VESSELS.			
* Bone		Fibrous Osteodystrophy	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Heart		Mineralization	Moderate
* Kidney		Hydronephrosis	Moderate
		Mineralization	Marked
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Hydronephrosis TGLS = 8-5-1]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
		Thrombosis	Mild
[Leukemia Mononuclear TGLS = 7-6]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61618

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body	
	Mucosa	Metaplasia	Squamous, Mild
* Pancreas		Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Prostate		Edema	Mild
		Inflammation	Suppurative, Moderate
* Seminal Vesicle		Edema	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Glandular		Erosion	Moderate
[Erosion TGLS = 9-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
Ureter			
Note: URETER DILATED (TGL 3); MORPHOLOGY NOT AVAILABLE.			
* Urinary Bladder		Hemorrhage	Moderate
	Transit Epithe	Hyperplasia	Mild
Note: URINARY BLADDER DILATED; MORPHOLOGY NOT AVAILABLE.			
[Hemorrhage TGLS = 2-8]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61533

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, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 6-5]			
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 10-23]			
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61533

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 11-3-1]			
[Leukemia Mononuclear TGLS = 5-7]			
[Pigmentation TGLS = 5-7]			
[Pigmentation TGLS = 11-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Moderate
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 5-5]			
* Liver	Centrilobular	Atrophy	Moderate
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7-2]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Deep Cervical	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-22]			
[Pigmentation TGLS = 8-22]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61189

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body	
	Mucosa	Hyperplasia	Mild
* Pancreas		Edema	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Intermed	Cyst	Moderate
* Prostate		Inflammation	Suppurative, Mild
* Skin		Ulcer	Moderate
[Ulcer TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60982

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4]			
* Kidney	Renal Tubule	Hyperplasia	Marked
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Renal	Ectasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60982

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Hyperplasia	Lymphoid, Minimal
	Renal	Pigmentation	Moderate
[Ectasia TGLS = 8-23]			
[Hyperplasia TGLS = 8-23]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery		Accessory Spleen	
	Fat	Necrosis	Moderate
[Accessory Spleen TGLS = 3-22]			
[Necrosis TGLS = 2-21]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 9-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Mild
* Skin	Epidermis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
* Testes	Seminif Tub	Atrophy	Marked
[Atrophy TGLS = 1-7]			
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 10-3]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Thyroid Gland C Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 726
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61792

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, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 8-5]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Mild
		Hepatocellular Adenoma	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Clear Cell Focus TGLS = 9-6]			
[Hepatocellular Adenoma TGLS = 9-6]			
[Mixed Cell Focus TGLS = 9-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 726
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61792

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 11-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-23]			
* Nose		Exudate	Moderate
		Foreign Body	
* Pancreas		Atrophy	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 3-22]			
* Prostate		Inflammation	Suppurative, Minimal
* Salivary Glands		Atrophy	Minimal
* Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH	- Liver	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma;Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59850

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, Ileum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Int Sm Ileum			
Note: ILEUM DILATED; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
		Leukemia Mononuclear	
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Hemorrhage	Minimal
[Hemorrhage TGLS = 11-2]			
Lymph Node	Inguinal	Hemorrhage	Minimal
	Mediastinal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 481
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59850

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 13-3-1]			
[Leukemia Mononuclear TGLS = 13-3-1]			
[Leukemia Mononuclear TGLS = 4-7]			
[Pigmentation TGLS = 13-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Mild
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 12-9-1]			
* Pancreas	Acinar Cell	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-22]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Oral Mucosa Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Brain	Ear
* Esophagus	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Edema	Minimal
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Cyst	Moderate
	Renal Tubule	Hyperplasia	Mild
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 5-23]			
[Nephropathy TGLS = 4-5]			
* Liver		Angiectasis	Moderate
	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Marked
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61534

ORGAN AND ACCOUNTABLE SITE STATUS

	Kupffer Cell	Pigmentation	Moderate
[Angiectasis TGLS = 7-25]			
[Degeneration TGLS = 7-25]			
[Eosinophilic Focus TGLS = 6-24,7-25]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 11-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Edema	Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 8-3]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Edema	Mild
		Inflammation	Suppurative, Minimal
* Skin	Epidermis	Hyperplasia	Mild
Note: THE EPIDERMAL HYPERPLASIA IS ON SLIDE 21.			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-22]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Mild
* Stomach, Glandular		Edema	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 10-26]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Tongue Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60130

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	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Edema	Minimal
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Edema	Mild
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Cytologic Alterations TGLS = 2-6]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
[Pigmentation TGLS = 4-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas			
Note: PANCREAS EDEMATOUS; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60130

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Corpora Amylacea	Mild
		Edema	Mild
* Salivary Glands		Edema	Mild
* Skin	Subcut Tiss	Edema	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Hyperplasia	Focal, Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Carcinoma	
Note: TGL 11-23 CONTAINS EXTENSIVE MONONUCLEAR CELL INFILTRATE; NOT CODED.			
[Carcinoma TGLS = 11-23]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 8-5]			
* Liver		Angiectasis	Mild
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
[Cytologic Alterations TGLS = 9-6]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61793

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 12-3-1]			
[Hyperplasia TGLS = 12-3-1]			
[Hyperplasia TGLS = 6-24]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Edema	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 15-1]			
* Prostate		Inflammation	Suppurative, Minimal
* Spleen		Fibrosis	Moderate
		Metaplasia	Lipocyte, Moderate
[Fibrosis TGLS = 7-6,7-21]			
[Metaplasia TGLS = 7-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 13-3]			

PRIMARY CAUSE OF DEATH	- Thyroid Gland Follicular Cel Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61619

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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 7-5]			
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 9-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 706
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61619

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
	Renal	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 10-24]			
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pigmentation TGLS = 10-24]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-23]			
* Pancreas		Atrophy	Minimal
* Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
[Squamous Cell Papilloma TGLS = 2-22]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
[Cyst TGLS = 3-3]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 432
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59851

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	* Lung	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
[Pigmentation TGLS = 5-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Prostate		Edema	Mild
		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 6-21,7-22]			
* Skin	Subcut Tiss	Edema	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 432
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59851

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Skeletal Muscle Edema		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Angiectasis	Moderate
* Bone Marrow		Hyperplasia	Moderate
		Myelofibrosis	Mild
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Marked
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Clear Cell Focus TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 2-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61762

ORGAN AND ACCOUNTABLE SITE STATUS

[Mixed Cell Focus TGLS = 1-21]			
Lymph Node	Renal	Pigmentation	Marked
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-24]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
		Edema	Mild
* Intestine Large, Cecum		Edema	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Metaplasia	Osseous, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Pancreas		Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60131

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Edema	Mild
		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
* Skin	Subcut Tiss	Edema	Marked
[Edema TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 345
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-58209

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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Cytologic Alterations TGLS = 8-24]			
* Lung		Edema	Mild
		Inflammation	Subacute, Minimal
Note: EDEMA INVOLVES THE MEDIASTINUM			
[Edema TGLS = 9-3]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 10-3-1]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-22]			
* Prostate		Inflammation	Suppurative, Minimal
* Salivary Glands		Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 345
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-58209

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic, Moderate
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 5-25,6-25]			
* Skin	Subcut Tiss	Edema	Marked
[Edema TGLS = 1-21,7-23]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations;Skeletal Muscle Edema

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic	* Nose
* Preputial Gland	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Diffuse, Moderate
* Blood Vessel		Hypertrophy	Marked
		Inflammation	Subacute, Moderate
		Necrosis	Moderate
[Hypertrophy TGLS = 6-23]			
[Inflammation TGLS = 6-23]			
[Necrosis TGLS = 6-23]			
* Bone Marrow		Hyperplasia	Moderate
* Brain		Developmental Malformation	
* Epididymis		Atypia Cellular	Moderate
		Edema	Mild
* Heart		Cardiomyopathy	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
* Kidney	Pelvis	Hemorrhage	Marked
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Moderate
[Hemorrhage TGLS = 9-24]			
[Nephropathy TGLS = 8-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60132

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Edema	Minimal
Lymph Node	Inguinal	Hemorrhage	Minimal
	Mediastinal	Hemorrhage	Mild
		Hemorrhage	Mild
	Inguinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Moderate
		Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 4-22]			
[Hemorrhage TGLS = 1-21]			
[Hemorrhage TGLS = 10-3-1]			
[Hyperplasia TGLS = 10-3-1]			
[Hyperplasia TGLS = 4-22]			
[Hyperplasia TGLS = 1-21]			
[Hyperplasia TGLS = 5-7-3]			
[Pigmentation TGLS = 10-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 3-8-2]			
[Hyperplasia TGLS = 3-8-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8,2-21]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
		Edema	Mild
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-1]			
* Prostate		Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60132

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Mild
* Salivary Glands		Edema	Mild
* Skin	Subcut Tiss	Edema	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Marked
* Testes	Seminif Tub	Atrophy	Minimal

Note: MILD VASCULITIS IN TESTES; NOT CODED.

PRIMARY CAUSE OF DEATH	- Kidney Transit Epithe Hyperplasia
CONTRIBUTORY CAUSE OF DEATH	- Blood Vessel Hypertrophy;Kidney Nephropathy;Pituitary Gland Pars Distalis Adenoma;Skin Subcut Tiss Edema

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 589
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* 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	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Blood Vessel		Thrombosis	Mild
Note: THROMBOSIS IS ON SLIDE 3-1			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 12-1-1]			
* Epididymis		Edema	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Edema	Minimal
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 589
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61101

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-3-1]			
[Leukemia Mononuclear TGLS = 6-7]			
[Leukemia Mononuclear TGLS = 1-21-1]			
[Leukemia Mononuclear TGLS = 3-22]			
[Pigmentation TGLS = 3-22]			
[Pigmentation TGLS = 6-7]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
		Pigmentation	Moderate
[Ectasia TGLS = 2-8]			
[Leukemia Mononuclear TGLS = 2-8]			
[Pigmentation TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Exudate	Moderate
* Pancreas		Edema	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
Note: TWO SEPARATE ADENOMAS ARE PRESENT IN THE PARS DISTALIS.			
[Adenoma TGLS = 11-1-1]			
* Prostate		Edema	Mild
		Inflammation	Suppurative, Moderate
* Salivary Glands		Edema	Mild
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 10-24]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 9-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Skeletal Muscle Edema;Skin Subcut Tiss Edema

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 302
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-58210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* 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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Hemorrhage	Marked
		Hydrocephalus	Mild
[Hemorrhage TGLS = 3-1]			
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
[Pigmentation TGLS = 1-5]			
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
* Lung		Congestion	Mild
		Edema	Mild
		Hemorrhage	Mild
[Congestion TGLS = 2-2]			
[Hemorrhage TGLS = 2-2]			
* Spleen		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH - Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58160

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
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 2-3-1]			
[Pigmentation TGLS = 2-3-1]			
Oral Mucosa		Hyperplasia	Mild
* Prostate		Inflammation	Suppurative, Mild
* Testes	Seminif Tub	Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61344

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, Ileum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 9-4]			
* Intestine Small, Jejunum		Cyst	Moderate
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 7-23, 7-23.1, 7-23.2]			
[Hyperplasia TGLS = 10-4]			
[Inflammation TGLS = 11-24]			
* Kidney		Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Pigmentation TGLS = 6-5]			
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 8-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61344

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 8-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery			
Note: TGL 7-23 IS CYST IN MESENTERY; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
Note: NUMEROUS FUNGAL ORGANISMS IN NASAL CAVITY; MORPHOLOGY NOT AVAILABLE.			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate		Inflammation	Suppurative, Minimal
* Salivary Glands		Atrophy	Mild
* Skin		Hyperkeratosis	Moderate
[Hyperkeratosis TGLS = 1-21]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
		Ultimobranchial Cyst	Moderate

PRIMARY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60148

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	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 5-22]			
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 8-3-1]			
[Hyperplasia TGLS = 8-3-1]			
[Pigmentation TGLS = 8-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60148

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
Note: MODERATE NUMBER OF MAST CELLS IN MESENTERIC LYMPH NODE; NOT CODED.			
[Hemorrhage TGLS = 6-5]			
[Hyperplasia TGLS = 6-5]			
* Pancreas		Atrophy	Mild
		Edema	Minimal
	Acinar Cell	Hyperplasia	Focal, Mild
		Metaplasia	Minimal
* Prostate		Corpora Amylacea	Mild
		Inflammation	Suppurative, Minimal
* Salivary Glands		Edema	Moderate
* Skin	Subcut Tiss	Edema	Moderate
* Spleen		Fibrosis	Moderate
		Pigmentation	Moderate
[Fibrosis TGLS = 4-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 7-7,7-7-3,7-7-4]			

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Liver Hepatocyte Cytologic Alterations;Liver Hepatocellular Adenoma

Animal Note: THYMUS IS ON SLIDE 3-1.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60984

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, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
Note: CYSTIC DEGEN IS ON SLIDE 22.			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 2-7]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
[Hemorrhage TGLS = 1-8]			
[Pigmentation TGLS = 1-8]			
Oral Mucosa		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60984

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 3-21]			
* Pancreas	Acinar Cell	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Prostate		Corpora Amylacea	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	- Oral Mucosa Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Rectum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Edema	Moderate
[Edema TGLS = 14-4]			
* Intestine Large, Colon		Edema	Mild
[Edema TGLS = 15-4]			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 11-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 13-4]			
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 8-23]			
[Nephropathy TGLS = 7-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61345

ORGAN AND ACCOUNTABLE SITE STATUS

[Cytologic Alterations TGLS = 9-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-21]			
* Pancreas	Acinar Cell	Adenoma	
		Atrophy	Mild
		Edema	Mild
Note: PANCREATIC ACINAR ADENOMA ALSO PRESENT ON SLIDE 7.			
[Adenoma TGLS = 10-24]			
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 17-3]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Metaplasia	Lipocyte, Minimal
[Hyperplasia TGLS = 6-22]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Mild
* Stomach, Glandular		Edema	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations;Pancreas Acinar Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Preputial Gland
* Seminal Vesicle	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis		Hypospermia	Moderate
* Intestine Large, Cecum		Edema	Mild
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Congestion	Moderate
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-21]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61535

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Mild
		Edema	Minimal
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
* Prostate		Inflammation	Suppurative, Minimal
* Salivary Glands		Edema	Mild
* Skin	Subcut Tiss	Edema	Marked
		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
Note: EDEMA PRESENT ON SLIDE 21.			
[Hyperkeratosis TGLS = 5-22]			
[Hyperplasia TGLS = 5-22]			
* Spleen		Congestion	Moderate
		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Intermed Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Cytologic Alterations;Skin Subcut Tiss Edema

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hemorrhage	Moderate
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1-1]			
* Epididymis		Atypia Cellular	Moderate
		Hypospermia	Moderate
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 8-4]			
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 10-4]			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 9-4]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5]			
* Liver		Congestion	Mild
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Cytologic Alterations TGLS = 4-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61102

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Marked
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-3]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Prostate		Inflammation	Suppurative, Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
* Testes	Interstit Cell	Adenoma	
	Seminif Tub	Atrophy	Moderate
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Liver Hepatocyte Cytologic Alterations

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hemorrhage	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 9-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Cytologic Alterations TGLS = 10-6]			
* Lung		Edema	Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60133

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 8-7]			
[Hyperplasia TGLS = 2-8]			
[Hyperplasia TGLS = 14-3-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Edema	Minimal
* Prostate		Corpora Amylacea	Moderate
* Salivary Glands		Edema	Minimal
Skeletal Muscle		Edema	Moderate
[Edema TGLS = 11-23,13-24]			
* Skin	Subcut Tiss	Edema	Marked
Note: SUBCUTANEOUS EDEMA ALSO PRESENT ON SLIDE 8.			
[Edema TGLS = 4-22]			
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 6-7]			

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Edema
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Liver Hepatocyte Cytologic Alterations

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Hypospermia	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Cyst	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 8-5]			
* Liver		Angiectasis	Moderate
	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
		Thrombosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61536

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 7-6]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 6-23]			
[Leukemia Mononuclear TGLS = 9-24]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Nose		Exudate	Moderate
		Foreign Body	
	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Mild
		Edema	Minimal
* Skin		Hyperkeratosis	Marked
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-21]			
[Hyperplasia TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 370
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59191

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	* 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		Accessory Adrenal Cortical Nodule	Mild
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Edema	Mild
[Edema TGLS = 6-2]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 7-3-1]			
[Hyperplasia TGLS = 7-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Note: MODERATE MAST CELL INFILTRATE IN MANDIBULAR NODE; NOT CODED.			
Note: THE MANDIBULAR NODE LYMPHOID HYPERPLASIA IS PRIMARILY PLASMA CELL.			
[Hemorrhage TGLS = 2-8]			
[Pigmentation TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 370
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59191

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Prostate		Inflammation	Suppurative, Minimal
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 6-1-1]			
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: MIXED CELL FOCUS ALSO PRESENT ON SLIDE 23.			
[Basophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21,2-22]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58145

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, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart			
Note: MILD SUBACUTE INFLAMMATION IN HEART; NOT ENTERED ON TDMS.			
* Kidney		Mineralization	Moderate
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 4-3-2]			
[Pigmentation TGLS = 4-3-2]			
* Lymph Node, Mandibular		Pigmentation	Mild
[Pigmentation TGLS = 4-3-2]			
* Spleen		Pigmentation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 4-8]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 6-6]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-22]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5,5-23]			
* Ovary		Cyst	Moderate
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61878

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-21]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

Animal Note: THE LEUKEMIA MONUC INFILTRATE IN THE PANCREAS, MESENTERY, AND MESENTERIC LYMPH N ODE INCLUDES A SPINDLE CELL COMPONENT WITH APPARENT COLLAGEN FORMATION.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61622

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
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Clitoral Gland

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 4-1-1]			
* Intestine Small, Jejunum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-23]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
* Mammary Gland		Fibroadenoma	Multiple
Note: EPITHELIAL COMPONENT IN FIBROADENOMA ON SLIDE 21 IS MINIMAL.			
[Fibroadenoma TGLS = 1-21,2-22]			
* Nose		Exudate	Moderate
		Foreign Body	
	Mucosa	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61622

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Leiomyosarcoma;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61351

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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Suppurative, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61823

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	* Lung	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Minimal
		Leukemia Mononuclear	
* Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Mild
[Osteopetrosis TGLS = 10-24]			
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-21]			
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61823

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
[Leukemia Mononuclear TGLS = 5-6]			
[Necrosis TGLS = 6-22]			
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Mild
		Ulcer	Marked
[Ulcer TGLS = 11-25]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61824

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
		Hyperplasia	Marked
[Carcinoma TGLS = 2-22]			
[Hyperplasia TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61824

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Polyp Stromal

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60966

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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Granuloma	Minimal
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21,2-22]			
* Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61201

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	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-10]			
* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 8-23]			
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Kidney		Mineralization	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 3-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61201

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
	Mucosa	Metaplasia	Squamous, Minimal
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61825

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 9-1-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Granuloma	Minimal
[Basophilic Focus TGLS = 7-6]			
[Eosinophilic Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Marked
[Carcinoma TGLS = 3-21]			
[Fibroadenoma TGLS = 4-22]			
[Hyperplasia TGLS = 1-8,5-23]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61825

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Pigmentation	Mild
* Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 6-24]		

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Adenoma;Mammary Gland Carcinoma;Mammary Gland Fibroadenoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61826

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Granuloma	Minimal
[Basophilic Focus TGLS = 6-6,7-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 4-2-1]			
* Clitoral Gland		Cyst	Moderate
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Cytoplasmic Alteration	Moderate
		Hematopoietic Cell Proliferation	Mild
	Kupffer Cell	Pigmentation	Mild
[Cytoplasmic Alteration TGLS = 3-6]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Intermed	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
* Stomach, Forestomach		Ulcer	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61202

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58146

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, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* 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	* Uterus

OBSERVATIONS

* Intestine Large, Colon	Parasite Metazoan	
* Kidney	Mineralization	Moderate
	Nephropathy	Minimal
* Liver	Basophilic Focus	
* Lymph Node, Mandibular	Hemorrhage	Minimal
* Pancreas	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61203

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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-8-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Granuloma	Minimal
[Eosinophilic Focus TGLS = 5-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21,3-22,4-23]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Small, Ileum	* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 5-22]			
* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 9-23]			
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 3-5]			
* Liver		Cytoplasmic Alteration	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Adenoma	
		Hyperplasia	Moderate
[Adenoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61637

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-8]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1-1]			
* Spleen		Pigmentation	Marked
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Minimal
* Stomach, Glandular		Ulcer	Mild
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Complex;Kidney Nephropathy;Mammary Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61889

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	* Lung	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Granuloma	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 6-1]			
* Spleen		Infiltration Cellular	Histiocyte, Marked
		Pigmentation	Mild

Note: TGL 4-22 IS A LYMPHOHISTIOCYTIC AGGREGATION SIMILAR TO "POTTER LESION".
[Infiltration Cellular TGLS = 4-22]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Salivary Glands	* Skin	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Adrenal Medulla	Vagina

OBSERVATIONS

* Kidney	Transit Epithe	Carcinoma	
		Nephropathy	Minimal
[Carcinoma TGLS = 5-22]			
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
Note: EOSINOPHILIC FOCUS ALSO PRESENT ON SLIDE 6.			
[Eosinophilic Focus TGLS = 7-23]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Marked
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Edema	Moderate
	Mucosa	Hyperplasia	Moderate
		Ulcer	Moderate
[Ulcer TGLS = 9-4-1]			
* Stomach, Glandular		Erosion	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60967

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 2-7]	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Kidney Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61547

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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-8]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
[Pigmentation TGLS = 11-5]			
* Liver		Cholangiocarcinoma	
		Hepatodiaphragmatic Nodule	
		Necrosis	Focal, Marked
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Note: CHOLANGIOCARC IS ON SLIDE 23. THE TUMOR IS INVADING THE DIAPHRAGM.			
Note: LIVER CONTAINS AREAS OF HEMORRHAGE; NOT ENTERED ON TDMS.			
[Hepatodiaphragmatic Nodule TGLS = 12-23]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Marked
[Hemorrhage TGLS = 14-3-1]			
[Leukemia Mononuclear TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61547

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 14-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Hemorrhage	Moderate
[Hemorrhage TGLS = 13-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 8-21,9-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 7-6]			
* Uterus		Hydrometra	Mild
		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[Hydrometra TGLS = 5-7]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Adenoma;Liver Cholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61890

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	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Clear Cell Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61890

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 3-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58147

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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Mineralization	Moderate
	Nephropathy	Minimal
* Liver	Inflammation	Subacute, Minimal
* Lymph Node, Mandibular	Hemorrhage	Minimal
* Mammary Gland	Carcinoma	
[Carcinoma TGLS = 1-21]		
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61891

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	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
* Liver		Mixed Cell Focus	
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 92-61623

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	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 4-1-1]			
* Clitoral Gland		Cyst	Mild
		Hyperplasia	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
* Liver		Mixed Cell Focus	
	Centrilobular	Necrosis	Moderate
[Necrosis TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Nose		Exudate	Moderate
		Foreign Body	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Pigmentation	Moderate
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 6-4-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 699
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 92-61623

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60968

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
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* 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			

INSUFFICIENT TISSUE

* Intestine Small, Ileum

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Mild
	Femur	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 5-22-1]			
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 3-1-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61892

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-1]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60969

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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
		Necrosis	Moderate
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-1]			
* Clitoral Gland		Hyperplasia	Mild
* Heart		Leukemia Mononuclear	
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Leukemia Mononuclear	
		Mineralization	Mild
	Renal Tubule	Necrosis	Moderate
[Necrosis TGLS = 6-22]			
* Liver	Centrilobular	Atrophy	Moderate
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 8-23]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60969

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 10-3-1]			
[Pigmentation TGLS = 10-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Marked
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-21]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 2-1]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61879

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58148

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61893

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, 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	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61880

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8,1-24]			
* Pituitary Gland	Pars Intermed	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
[Angiectasis TGLS = 7-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61880

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 7-1]		
* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-21]		
* Stomach, Forestomach	Edema	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61881

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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Myelofibrosis	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver	Centrilobular	Atrophy	Mild
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Intermed	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 7-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61881

ORGAN AND ACCOUNTABLE SITE STATUS

	[Angiectasis TGLS = 7-1]		
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 3-22]		
* Uterus		Polyp Stromal	Multiple
	[Polyp Stromal TGLS = 5-23,6-7-1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60970

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, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Mineralization	Moderate
* Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-8]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-8]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
	Pars Intermed	Angiectasis	Mild
[Angiectasis TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tooth		Developmental Malformation	
[Developmental Malformation TGLS = 1-9-1]			

PRIMARY CAUSE OF DEATH - Tooth Developmental Malformation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58149

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney	Mineralization	Mild
* Liver	Basophilic Focus	
	Inflammation	Subacute, Minimal
* Lung	Infiltration Cellular	Histiocyte, Minimal
* Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61827

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	* 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

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-8-1]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Cytoplasmic Alteration	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 5-6]			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Marked
[Fibroadenoma TGLS = 3-21,4-22]			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma;Liver Leukemia Mononuclear;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61894

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	* 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
* Bone	Cranium	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 6-24]			
* Clitoral Gland		Adenoma	
Eye		Atrophy	Moderate
[Atrophy TGLS = 1-21]			
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Subacute, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-23]			
[Mixed Cell Focus TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-22]			
Spinal Cord		Necrosis	Moderate
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61894

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61895

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	* 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

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Granuloma	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Nose	Mucosa	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61896

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* 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
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 6-22]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61897

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58150

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
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Subacute, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 1-1]			
[Cyst TGLS = 1-1]			
[Hyperplasia TGLS = 1-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61828

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
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Adrenal Medulla

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
* Heart		Leukemia Mononuclear	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 7-6]			
[Vacuolization Cytoplasmic TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-21]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61828

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-8]			
Mesentery		Angiectasis	Marked
[Angiectasis TGLS = 5-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
[Cyst TGLS = 8-1]			
[Leukemia Mononuclear TGLS = 8-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Edema	Marked
	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61898

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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Bone	Femur	Osteopetrosis	Mild
* Clitoral Gland		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-8]			
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Subacute, Minimal
		Necrosis	Focal, Minimal
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Carcinoma	Metastatic (Uterus)
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 7-2-1]			
Lymph Node	Mediastinal	Pigmentation	Moderate
[Pigmentation TGLS = 8-3-1]			
* Mammary Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61898

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]			
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 10-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Carcinoma	
[Carcinoma TGLS = 4-7,4-7-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61204

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	* Liver	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 3-1-1]			
* Clitoral Gland		Hyperplasia	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Pigmentation	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7-1]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61899

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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-8-1]			
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 6-1]			
[Cyst TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61899

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58151

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 Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61829

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	* 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 Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,4-23]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 2-22]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Uterus		Polyp Stromal	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61900

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 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			

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Bone Marrow		Infiltration Cellular	Histiocyte, Marked
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 3-7-1]			
[Pigmentation TGLS = 3-7-1]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61900

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 5-1]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 570
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 92-60971

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Moderate
		Nephropathy	Mild
* Liver		Clear Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Uterus		Hydrometra	Marked
		Polyp Stromal	
		Schwannoma Malignant	
[Hydrometra TGLS = 6-7]			
[Polyp Stromal TGLS = 1-21]			
[Schwannoma Malignant TGLS = 4-23,5-24]			

PRIMARY CAUSE OF DEATH	- Uterus	Schwannoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Uterus	Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61882

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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 3-21,4-22]			
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 5-1]			
[Cyst TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-24]			
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 9-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8,1-21]			
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 3-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			
* Nose		Exudate	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 589
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-60972

ORGAN AND ACCOUNTABLE SITE STATUS

	Mucosa	Hyperplasia	Mild
	Mucosa	Metaplasia	Squamous, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-23]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58152

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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61883

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, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus	Vagina	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone	Femur	Osteopetrosis	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 481
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 91-59852

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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Mineralization	Moderate
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-7]			
[Hyperplasia TGLS = 1-8]			
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58153

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* 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			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Intermed	Cyst	
* Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61830

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	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7-1]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone	Femur	Osteopetrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Atrophy	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61624

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 9-3-1]			
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Adenoma	
		Fibroadenoma	
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 10-1]			
[Cyst TGLS = 10-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 6-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61884

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Granuloma	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Moderate
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 537
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 91-60127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 3-1-1]			
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-22]			
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
[Mixed Cell Focus TGLS = 5-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Fibrosis	Mild
[Fibrosis TGLS = 6-23]			
* Thyroid Gland		Ultimobranchial Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 537
	DOSE: UNTREATDCONTROL	**DISP:** Natural Death	**HISTO:** 91-60127

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* 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	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 6-23]			
* Clitoral Gland	Bilateral	Carcinoma	
[Carcinoma TGLS = 1-21,2-22]			
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
[Hyperplasia TGLS = 7-4-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61100

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Brain		Developmental Malformation	
		Hydrocephalus	Mild
[Developmental Malformation TGLS = 4-1-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
* Liver		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Pigmentation	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7-1]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland	Pars Distalis	Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland	Adenoma;Uterus	Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: UNTREATDCONTROL	**DISP:** Moribund Sacrifice	**HISTO:** 92-61100

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: UNTREATDCONTROL	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58154

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
* Liver		Basophilic Focus	
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Intermed	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: UNTREATDCONTROL	**DISP:** Terminal Sacrifice	**HISTO:** 92-61902

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Mild
	Femur	Osteopetrosis	Mild
[Osteopetrosis TGLS = 6-23]			
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
[Cytologic Alterations TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 8-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61844

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7-1]			
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 5-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1-1]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 622
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	Ear	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
Eye		Cataract	Marked
	Retina	Degeneration	Marked
[Cataract TGLS = 1-21]			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7-1]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61868

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, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5]			
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Minimal
[Basophilic Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61868

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 4-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58198

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	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61943

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	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 2-22]			
[Hepatodiaphragmatic Nodule TGLS = 3-6]			
[Mixed Cell Focus TGLS = 2-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 4-1]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61943

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Mild
* Uterus	Polyp Stromal	

Note: THE STROMAL POLYP IS NECROTIC AND THE ADJACENT ENDOMETRIUM IS HYPERPLASTIC; NOT CODED.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58199

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Inflammation	Subacute, Minimal
* Uterus		Hydrometra	Mild
		Polyp Stromal	
[Polyp Stromal TGLS = 1-7-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61944

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, Mesenteric	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 7-25]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 4-23]			
[Clear Cell Focus TGLS = 4-23]			
[Eosinophilic Focus TGLS = 5-24]			
[Hepatocellular Adenoma TGLS = 3-22]			
[Mixed Cell Focus TGLS = 5-24]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61944

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinar Cell	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* 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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Mild
[Cataract TGLS = 1-21]			
* Kidney		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 5-24]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-2-1,7-2,7-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61869

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-22]			
[Hyperplasia TGLS = 4-8]			
* Pancreas		Atrophy	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-23]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61354

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	* Lung	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Bone	Femur	Osteopetrosis	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61354

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 3-1]			
* Salivary Glands		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61945

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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61945

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58200

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, 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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Colon

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Pigmentation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 622
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61004

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	* 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
* Bone	Cranium	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 5-25]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Mixed Cell Focus TGLS = 4-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 631
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61110

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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-10]			
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 15-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 12-6, 13-24]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Hemorrhage	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-23]			
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 631
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61110

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 9-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 14-1]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 7-21]			
[Leukemia Mononuclear TGLS = 6-6]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7-1]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 548
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60145

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
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Colon	* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
Note: SMALL FOCUS OF BASOPHILIC STAINING CELLS; NOT CODED.			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
Note: PORTIONS OF THE GLANDULAR ELEMENT OF THE FIBROADENOMA HAVE GREATER THAN USUAL PROLIFERATIVE ACTIVITY.			
[Fibroadenoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 548
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60145

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Mild
	Acinar Cell	Cytoplasmic Alteration	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7-1]			

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 4-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22,6-23]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1-1]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61549

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61946

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	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Clear Cell Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 2-21]			
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61550

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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Cyst	Moderate
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 5-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61550

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58201

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	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Mineralization	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Cyst	
* Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61111

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	* Lung	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

Vagina

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone	Femur	Osteopetrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Atrophy	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 10-6]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 8-24]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 6-7-1]			
* Pancreas		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61111

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 11-1]			
* Spleen		Fibrosis	Mild
		Pigmentation	Moderate
[Fibrosis TGLS = 9-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 726
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61845

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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Moderate
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
		Thrombosis	Moderate
[Leukemia Mononuclear TGLS = 10-6,9-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 726
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61845

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 5-7-2]			
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pigmentation TGLS = 11-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 8-22]			
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 12-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Thyroid Gland		Ultimobranchial Cyst	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7-1]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 308
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-58213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: MARKED DIFFUSE VACUOLIZATION OF PARENCHYMAL CELL CYTOPLASM; NOT CODED.			
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Rectum		Leukemia Mononuclear	
		Parasite Metazoan	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Atrophy	Moderate
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Iliac	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-23]			
[Leukemia Mononuclear TGLS = 9-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 308
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-58213

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-7]	
[Leukemia Mononuclear TGLS = 11-3-1]	
* Lymph Node, Mandibular	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-8]	
* Lymph Node, Mesenteric	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 8-21]	
* Mammary Gland	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-8]	
* Ovary	Leukemia Mononuclear
* Pancreas	Leukemia Mononuclear
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 5-6]	
* Thymus	Leukemia Mononuclear
* Uterus	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-7]	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

Animal Note: IN SEVERAL LOCATIONS THE LEUKEMIA MONUC APPEARS AS SOLID INFILTRATION OF NEOPLAS TIC CELLS RESEMBLING MALIGNANT MIXED LYMPHOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61870

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 7-24]			
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 6-2-1]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
* Ovary		Cyst	Moderate
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61870

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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	Spinal Cord	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
[Hepatocellular Adenoma TGLS = 9-6,4-21]			
[Hepatodiaphragmatic Nodule TGLS = 5-22]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Subacute, Mild
[Infiltration Cellular TGLS = 7-2-1]			
[Inflammation TGLS = 7-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61112

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-23]			
* Pancreas		Atrophy	Moderate
Peripheral Nerve		Degeneration	Moderate
		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
[Angiectasis TGLS = 8-1]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-7]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61871

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
[Cytologic Alterations TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61113

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	* Lung	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Vagina

OBSERVATIONS

* Bone		Hyperostosis	Mild
[Hyperostosis TGLS = 10-22]			
* Bone Marrow		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Atrophy	Mild
		Lymphoma Malignant	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Lymphoma Malignant TGLS = 7-6]			
[Vacuolization Cytoplasmic TGLS = 7-6]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-7-1]			
[Lymphoma Malignant TGLS = 8-3-1]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61113

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 14-24]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-23]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 12-1]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thymus		Hemorrhage	Mild
[Hemorrhage TGLS = 13-3]			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH	- Liver	Lymphoma Malignant	
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland	Carcinoma;Oral Mucosa	Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58202

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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Clear Cell Focus TGLS = 2-21]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Marked
[Hemorrhage TGLS = 3-3-1]			
[Pigmentation TGLS = 1-8, 3-3-1]			
* Lymph Node, Mandibular		Pigmentation	Mild
[Pigmentation TGLS = 1-8, 3-3-1]			
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61947

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	* 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
		Degeneration	Fatty, Mild
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 2-1-1]			
* Clitoral Gland		Cyst	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61947

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-1-1]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61627

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	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Spleen	* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
		Necrosis	Mild
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 9-1-1]			
* Intestine Small, Duodenum	Epithelium	Hyperplasia	Mild
* Intestine Small, Ileum	Epithelium	Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Marked
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
	Acinar Cell	Cytoplasmic Alteration	Marked
* Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61627

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1-1]			
* Salivary Glands		Atrophy	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Marked
* Stomach, Glandular		Erosion	Moderate
		Ulcer	Mild
[Erosion TGLS = 10-4-1]			
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-23,5-24]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61872

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
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Moderate
		Hyperplasia	Mild
		Inflammation	Suppurative, Mild
[Cyst TGLS = 1-21]			
* Intestine Large, Colon		Carcinoma	
[Carcinoma TGLS = 4-23]			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61872

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-22]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61948

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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 5-22,6-23]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Mild
[Adenoma TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61948

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58203

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	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 2-3-1]			
[Pigmentation TGLS = 2-3-1]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61949

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Clear Cell Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Atrophy	Minimal
* Spleen		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61950

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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Spleen		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	Moderate
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone	Cranium	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 8-25]			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
Note: LEUKEMIA LESION INCLUDES HEMORRHAGE AND NECROSIS.			
* Intestine Small, Duodenum		Ulcer	Moderate
[Ulcer TGLS = 4-24]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Atrophy	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61114

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE GLANDULAR PORTIONS OF FIBROADENOMA ON SLIDE 21 HAVE INCREASED CELLULARITY AND PLEOMORPHISM.
[Fibroadenoma TGLS = 1-21,2-22]
[Hyperplasia TGLS = 6-8]

Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-23]			
* Pancreas		Atrophy	Marked
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Edema	Mild
		Ulcer	Moderate
[Ulcer TGLS = 7-4-1]			
* Uterus		Hydrometra	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 601
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 5-21]			
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 6-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 2-5]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
[Mixed Cell Focus TGLS = 3-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 4-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 601
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61005

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
[Hyperplasia TGLS = 8-22]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58204

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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* 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
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 4-1-1]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1-1]			
* Salivary Glands		Atrophy	Mild
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61951

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Hydrometra	Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61873

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	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
	Hepatocyte	Pigmentation	Mild
[Basophilic Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
Note: MAMMARY GLAND CARCINOMA (TGL 2-23) RESEMBLES FIBROADENOMA IN SOME AREAS BUT GLANDULAR PORTION APPEARS TO BE UNDERGOING CARCINOMATOUS TRANSFORMATION.			
[Carcinoma TGLS = 2-23]			
[Hyperplasia TGLS = 3-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-24]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61873

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-22]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 631
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Femur	Osteopetrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Nose		Exudate	Moderate
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 631
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61115

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 6-1]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7-1]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma;Uterus Polyp Stromal

Animal Note: THROMBUS WITHIN MESENTERIC BLOOD VESSEL ON SLIDE 5; NOT CODED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61551

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
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 2-5]			
[Pigmentation TGLS = 2-5]			
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2,6-2-1,6-2-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-22]			
* Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61551

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Intermed	Angiectasis	Moderate
		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Edema	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-23]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61874

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	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 7-6]			
[Clear Cell Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA ALSO PRESENT ON SLIDES 8 AND 8-1.			
[Fibroadenoma TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61874

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 9-4-1] * Uterus [Polyp Stromal TGLS = 6-23]	Polyp Stromal
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 716
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Brain		Astrocytoma Malignant	
		Developmental Malformation	
[Astrocytoma Malignant TGLS = 6-1]			
[Developmental Malformation TGLS = 7-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Cyst	Moderate
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Renal	Hemorrhage	Mild
Note: MAST CELL INFILTRATE IN RENAL LYMPH NODE; NOT CODED.			
[Hemorrhage TGLS = 4-21]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 716
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61846

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
		Schwannoma Malignant	
[Polyp Stromal TGLS = 1-7-1]			
[Schwannoma Malignant TGLS = 2-7-2]			

PRIMARY CAUSE OF DEATH	- Brain Astrocytoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Uterus Polyp Stromal;Uterus Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61639

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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

Vagina

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 12-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 14-3-1]			
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61639

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 15-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-6]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61952

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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 6-21,7-22]			
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 8-7,9-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61952

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 92-61552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 13-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 6-5]			
* Liver		Eosinophilic Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Note: TGL 9-6 IS MODERATE CONGESTION; NOT ENTERED ON TDMS.			
[Eosinophilic Focus TGLS = 10-26]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21,3-23]			
[Hyperplasia TGLS = 4-8,2-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-24,8-25]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-1-1]			
* Spleen		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 693
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 92-61552

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61953

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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Granuloma	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal

Note: SOME OF THE FOCI OF CELLULAR ALTERATION ARE MORE PROMINENT ON SLIDE 6.
[Basophilic Focus TGLS = 4-23]
[Clear Cell Focus TGLS = 4-23]
[Eosinophilic Focus TGLS = 4-23]
[Mixed Cell Focus TGLS = 4-23]

* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate

[Fibroadenoma TGLS = 2-21,3-22]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61953

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58205

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
* Pancreas	* Parathyroid 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	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 92-61212

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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Cyst	Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Note: CYST IS MULTILOCULAR. CYST IS BOUNDED BY FLATTENED EPITHELIUM AND CONTAINS KERATIN-LIKE MATERIAL.			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 7-3-1]			
[Pigmentation TGLS = 7-3-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: 0.05%	**DISP:** Natural Death	**HISTO:** 92-61212

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7-1]		
* Pancreas	Atrophy	Mild
* Spleen	Leukemia Mononuclear	
	Metaplasia	Osseous, Moderate
[Leukemia Mononuclear TGLS = 4-6]		
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61954

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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Hemorrhage	Minimal
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61954

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 6-1]			
[Hyperplasia TGLS = 6-1]			
Skeletal Muscle		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Esophagus

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Cytologic Alterations TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Mild
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61955

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* 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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Clitoral Gland		Adenoma	
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Clear Cell Focus TGLS = 1-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Spleen		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61956

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	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cytoplasmic Alteration	Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Clear Cell Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 3-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61956

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Uterus		Hydrometra	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61006

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	* Pancreas
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Mineralization	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Pigmentation	Minimal
[Basophilic Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 5-3-1]			
[Hyperplasia TGLS = 5-3-1]			
[Pigmentation TGLS = 5-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61006

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61957

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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Moderate
* Clitoral Gland		Cyst	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Mixed Cell Focus TGLS = 2-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-2]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 3-3-1]			
[Leukemia Mononuclear TGLS = 3-3-1]			
[Pigmentation TGLS = 3-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61957

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61958

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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adren Cortex			
Note: SMALL FOCUS OF BASOPHILIC CELLS; NOT CODED.			
* Clitoral Gland		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Mixed Cell Focus TGLS = 5-22]			
* Lung		Inflammation	Subacute, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61958

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.05%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58206

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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Carcinoma	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lung		Inflammation	Subacute, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Ovary		Cyst	
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60146

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	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Skin	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 13-1,13-1-1]			
* Clitoral Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8-1]			
* Heart		Leukemia Mononuclear	
* Intestine Large, Cecum		Edema	Mild
* Kidney		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 7-6, 8-21]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-2]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60146

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 9-22]			
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7-1]			
* Pituitary Gland		Leukemia Mononuclear	
Note: FOCAL AREAS OF APPARENT ATROPHY IN PARS DISTALIS PRESUMABLY ASSOCIATED WITH LEUKEMIA; NOT CODED.			
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3-1]			
* Thyroid Gland		Leukemia Mononuclear	
		Ultimobranchial Cyst	Moderate
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 462
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59853

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, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Bone	Cranium	Osteopetrosis	Mild
	Femur	Osteopetrosis	Moderate
		Osteosarcoma	
[Osteopetrosis TGLS = 12-26]			
[Osteopetrosis TGLS = 10-27]			
[Osteosarcoma TGLS = 3-21]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Osteosarcoma	Metastatic (Bone)
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Osteosarcoma TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Deep Cervical	Pigmentation	Marked
	Mediastinal	Pigmentation	Moderate
	Renal	Pigmentation	Mild
[Hyperplasia TGLS = 9-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 462
	DOSE: 0.05%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59853

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 11-25]			
[Pigmentation TGLS = 9-3]			
[Pigmentation TGLS = 8-24]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hemorrhage	Mild
		Pigmentation	Marked
[Ectasia TGLS = 1-8]			
[Hemorrhage TGLS = 1-8]			
[Pigmentation TGLS = 1-8]			
Mesentery		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 5-22]			
* Ovary		Cyst	Moderate
		Osteosarcoma	Metastatic (Bone)
[Cyst TGLS = 4-7]			
* Pancreas		Osteosarcoma	Metastatic (Bone)
* Pituitary Gland	Pars Distalis	Cyst	Moderate
Skeletal Muscle		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 7-23]			
* Spleen		Hematopoietic Cell Proliferation	Marked
PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61959

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	* Nose	* Ovary
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1-1]			
* Kidney		Inflammation	Suppurative, Minimal
		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
Note: BLOOD IN LIVER ON SLIDE 22 CONSIDERED DUE TO TRAUMA AT TIME OF SACRIFICE; NOT CODED.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-5]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.05%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61959

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1-1]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61854

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	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Moderate
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-21]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Eosinophilic Focus TGLS = 3-22]			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61854

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Atrophy	Moderate
* Spleen		Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61919

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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
[Hyperplasia TGLS = 3-3-1]			
[Pigmentation TGLS = 3-3-1]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61919

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 5-1]			
[Hyperplasia TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Cecum		Edema	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Mineralization	Mild
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 9-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-3-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61626

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-21]			
* Nose		Foreign Body	
* Pancreas			
Note: PANCREAS IS EDEMATOUS (TGL 6); MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Stomach, Glandular		Edema	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58179

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
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61855

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	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
		Thrombosis	Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Adenoma TGLS = 3-1]			
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58180

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Pigmentation	Mild
* Uterus		Hydrometra	Moderate
		Polyp Stromal	
[Hydrometra TGLS = 2-7]			
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
Note: HEMORRHAGE IN LIVER ON SLIDE 21 IS CONSIDERED DUE TO TRAUMA AT TIME OF SACRIFICE; NOT CODED.			
[Hepatocellular Adenoma TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Intermed	Cyst	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate
[Adenoma TGLS = 4-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61856

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	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
[Clear Cell Focus TGLS = 4-22]			
[Mixed Cell Focus TGLS = 5-23]			
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 6-3-1]			
[Pigmentation TGLS = 6-3-1]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61856

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61921

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, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Carcinoma	
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Clear Cell Focus TGLS = 2-22,3-23]			
[Hepatocellular Adenoma TGLS = 1-21]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 4-2-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 5-24]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61921

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-10]			
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
* Liver		Angiectasis	Mild
	Centrilobular	Atrophy	Moderate
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 10-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60994

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 12-3-1]			
[Leukemia Mononuclear TGLS = 12-3-1]			
[Leukemia Mononuclear TGLS = 6-7-1]			
[Pigmentation TGLS = 12-3-1]			
[Pigmentation TGLS = 6-7-1]			
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-22]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 11-1-1]			
* Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 3-6-1]			
[Necrosis TGLS = 4-21]			
* Stomach, Forestomach		Edema	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58181

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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 3-3-1]			
[Pigmentation TGLS = 3-3-1]			
* Pituitary Gland	Pars Distalis	Cyst	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0.17%	**DISP:** Natural Death	**HISTO:** 92-61210

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	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 6-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5]			
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
[Hemorrhage TGLS = 2-8]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7-1]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0.17%	**DISP:** Natural Death	**HISTO:** 92-61210

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
[Hyperplasia TGLS = 9-4-1]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7-2]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58182

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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Vagina

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Minimal
	Hepatocyte	Pigmentation	Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 2-3-1]			
[Pigmentation TGLS = 2-3-1]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Pigmentation	Moderate
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61922

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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Cyst	Moderate
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Angiectasis TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* 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	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hemangioma	
	Transit Epithe	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Eosinophilic Focus TGLS = 5-23]			
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 3-21,4-22]			
* Ovary		Granulosa Cell Tumor Malignant	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61857

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
[Adenoma TGLS = 8-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1-1]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Basophilic Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61211

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Mild
[Adenoma TGLS = 6-1-1]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 4-22]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
[Clear Cell Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-2]			
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61858

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 532
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60139

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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Vagina

INSUFFICIENT TISSUE

* Islets, Pancreatic

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Bone Marrow		Leukemia Mononuclear	
* Kidney	Renal Tubule	Cytoplasmic Alteration	Moderate
		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 9-23]			
[Leukemia Mononuclear TGLS = 8-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 532
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60139

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pigmentation TGLS = 11-3-1]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8,3-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 10-24]			
* Pancreas		Necrosis	Marked
[Necrosis TGLS = 6-22]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 12-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-6-1]			
[Leukemia Mononuclear TGLS = 5-6-1]			

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 8-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Subacute, Minimal
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
[Eosinophilic Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 6-23]			
* Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61859

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61860

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-23]			
* Intestine Large, Rectum		Parasite Metazoan	
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 6-7-1]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
Note: PROMINENT BASOPHILIC FOCUS PRESENT ON SLIDE 25.			
[Basophilic Focus TGLS = 8-6]			
[Hepatodiaphragmatic Nodule TGLS = 7-25]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61860

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 4-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Intermed	Cyst	Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-24]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58183

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	* 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	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 6-21]			
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 4-1-1]			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hemorrhage	Minimal
		Pigmentation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1-1]			
* Salivary Glands		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61923

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61861

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 Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
Note: HEPATOCLR ADEN ALSO ON SLIDE 6.			
[Eosinophilic Focus TGLS = 2-22]			
[Hepatocellular Adenoma TGLS = 3-23]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61861

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 5-24,6-25]			
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-21]			
* Thyroid Gland	Follicle	Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61924

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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
		Cyst	Mild
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61925

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	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Clear Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 5-1-1]			
[Cyst TGLS = 5-1-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61925

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: PIGMENT IN GLUTEAL LYMPH NODE (TGL 3) CONSIDERED TO BE INK FROM TAIL TATTOO; NOT CODED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61926

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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 5-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Basophilic Focus TGLS = 3-22]			
[Eosinophilic Focus TGLS = 3-22]			
[Mixed Cell Focus TGLS = 3-22]			
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
* Nose		Exudate	Moderate
		Foreign Body	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61862

ORGAN AND ACCOUNTABLE SITE STATUS

	Mucosa	Metaplasia	Squamous, Mild
* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Thyroid Gland		Ultimobranchial Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-7-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58184

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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS			
* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Minimal
		Inflammation	Subacute, Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Spleen		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61863

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	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA ALSO PRESENT ON SLIDE 8.			
[Fibroadenoma TGLS = 1-21]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61863

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Polyp Stromal TGLS = 2-22]	Polyp Stromal
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61864

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Clitoral Gland		Cyst	Mild
		Hyperplasia	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
		Cyst	Marked
	Hepatocyte	Cytologic Alterations	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Cyst TGLS = 3-23]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61864

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Adrenal Medulla	* Intestine Large, Colon		
OBSERVATIONS			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Pigmentation	Mild
[Hepatodiaphragmatic Nodule TGLS = 1-21]			
* Mammary Gland		Hyperplasia	Minimal
* Ovary		Cyst	
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61927

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
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 2-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61928

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 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	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61929

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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Degeneration	Fatty, Moderate
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 2-1-1]			
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Clear Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Moderate
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61929

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61865

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	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61865

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-21]			
[Leukemia Mononuclear TGLS = 3-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61841

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	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 3-22,9-25]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-23]			
[Leukemia Mononuclear TGLS = 5-23]			
* Stomach, Glandular		Edema	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61841

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61842

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, Jejunum	* Islets, Pancreatic	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-10]			
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 12-1-1]			
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 7-5]			
* Liver	Centrilobular	Atrophy	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
		Thrombosis	Moderate
[Leukemia Mononuclear TGLS = 8-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61842

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 3-26]			
[Pigmentation TGLS = 3-26]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	Multiple
		Hyperplasia	Mild
[Carcinoma TGLS = 1-21,2-22]			
* Nose	Mucosa	Hyperplasia	Minimal
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1-1,11-1-1]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-23]			
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	
* Urin Bladder			
Note: ORGANIZED THROMBUS IN WALL OF URINARY BLADDER; NOT CODED.			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61866

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	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-8-1]			
* Intestine Large, Colon		Carcinoma	
[Carcinoma TGLS = 5-22]			
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Cytologic Alterations TGLS = 2-6]			
[Pigmentation TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Angiectasis	Moderate
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Mineralization	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
		Cyst	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
Note: LIVER CYST IS ON SLIDE 23.			
[Clear Cell Focus TGLS = 3-22]			
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61930

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 6-1-1]			
* Spleen		Fibrosis	Marked
		Leukemia Mononuclear	
[Fibrosis TGLS = 1-21]			
[Leukemia Mononuclear TGLS = 7-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61931

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Cyst	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Pigmentation	Moderate
* Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	Moderate
[Adenoma TGLS = 3-3]			
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61931

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 2-7]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-22]			
* Bone Marrow		Hyperplasia	Mild
		Myelofibrosis	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Granuloma	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61353

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 4-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Mild
[Osteopetrosis TGLS = 8-23]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
* Liver		Angiectasis	Moderate
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Angiectasis TGLS = 4-22]			
[Clear Cell Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61932

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61106

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, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Marked
[Hyperplasia TGLS = 4-7-2]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Hyperplasia	Lymphoid, Marked
[Ectasia TGLS = 2-8]			
[Hyperplasia TGLS = 2-8]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 8-22]			
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61106

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-1]			
* Skin		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 6-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 5-3]			
* Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[Polyp Stromal TGLS = 3-7-1]			

PRIMARY CAUSE OF DEATH	- Skin Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma;Thyroid Gland C Cell Carcinoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61933

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Carcinoma	
		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
[Carcinoma TGLS = 6-25]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Eosinophilic Focus TGLS = 5-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	
[Carcinoma TGLS = 2-22]			
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-23]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61933

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61934

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	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Basophilic Focus TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 5-2-1]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61934

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61935

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, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 3-3-1]			
[Pigmentation TGLS = 3-3-1]			
* Lymph Node, Mandibular		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61936

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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-6,4-21]			
* Lymph Node, Mandibular		Ectasia	Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58186

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
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Marked
		Hemorrhage	Moderate
[Cataract TGLS = 1-21]			
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
[Basophilic Focus TGLS = 3-22]			
* Lung		Inflammation	Subacute, Minimal
* Ovary		Cyst	
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Bone	Femur	Osteopetrosis	Mild
* Intestine Large, Cecum		Edema	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Marked
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Leukemia Mononuclear TGLS = 5-6,6-23]			
[Vacuolization Cytoplasmic TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60995

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 9-3-1]			
[Leukemia Mononuclear TGLS = 8-24]			
[Pigmentation TGLS = 8-24]			
[Pigmentation TGLS = 9-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6,4-22]			
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61867

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	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Clitoral Gland		Adenoma	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
		Sarcoma	
[Sarcoma TGLS = 6-5]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
		Mixed Cell Focus	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Clear Cell Focus TGLS = 5-24]			
[Hepatocellular Adenoma TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61867

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Spleen		Pigmentation	Mild
* Uterus		Hydrometra	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Pigmentation	Moderate
[Pigmentation TGLS = 3-7]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61937

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58187

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	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
* Ovary		Cyst	
* Pituitary Gland	Pars Distalis	Cyst	
* Salivary Glands		Atrophy	Minimal
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61938

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	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Clear Cell Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61938

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Hydrometra	Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 456
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Heart		Cardiomyopathy	Minimal
		Thrombosis	Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Moderate
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
Lymph Node	Pancreatic	Pigmentation	Moderate
* Lymph Node, Mandibular		Hemorrhage	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-23]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 456
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59854

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 4-6]

PRIMARY CAUSE OF DEATH	- Clitoral Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Marked
		Hyperplasia	Diffuse, Marked
Note: MODERATE CONGESTION AND HEMORRHAGE IN ADRENAL CORTEX; NOT ENTERED ON TDMS.			
[Degeneration TGLS = 5-22]			
[Hyperplasia TGLS = 5-22]			
* Blood Vessel		Hypertrophy	Mild
[Hypertrophy TGLS = 4-7-1,4-7-2]			
* Bone Marrow		Myelofibrosis	Moderate
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 8-1,8-1-1]			
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5]			
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
[Pigmentation TGLS = 7-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60996

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
[Fibrosis TGLS = 3-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61939

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	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Clitoral Gland		Carcinoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Exudate	Moderate
	Mucosa	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 1-1]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61843

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	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow			
Note: MODERATE BONE MARROW DEPLETION; NOT CODED.			
* Heart		Cardiomyopathy	Moderate
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
Note: FOCAL NECROSIS IS ON SLIDE 22.			
[Leukemia Mononuclear TGLS = 5-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 0.17%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61843

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 6-1]			
* Spleen	Lymph Follic	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Marked
		Pigmentation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.17%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58188

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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Mineralization	Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Minimal
* Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 1-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61940

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Moderate
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61940

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 3-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61941

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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Hepatocellular Adenoma TGLS = 1-21]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 4-1]			
* Salivary Glands		Atrophy	Mild
* Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.17%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61941

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61205

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	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Necrosis	Moderate
* Brain		Developmental Malformation	
		Hydrocephalus	Moderate
[Developmental Malformation TGLS = 7-1-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Kidney	Renal Tubule	Necrosis	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 3-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61205

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Moderate
		Ulcer	Moderate
[Hyperplasia TGLS = 8-4-1]			
* Stomach, Glandular		Edema	Mild

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61206

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	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Marked
* Liver		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
		Thrombosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61206

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 5-7]

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58161

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 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

* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61548

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 Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Large, Rectum		Histiocytic Sarcoma	
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
[Cytologic Alterations TGLS = 5-6]			
[Eosinophilic Focus TGLS = 9-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
[Hemorrhage TGLS = 1-8]			
[Hyperplasia TGLS = 1-8]			
[Pigmentation TGLS = 1-8]			
* Mammary Gland		Fibroadenoma	
		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61548

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 3-21]			
* Pancreas	Acinar Cell	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 8-1]			
* Skin		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-8,6-22]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH	- Skin	Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Leukemia Mononuclear;Mammary Gland Fibroadenoma

Animal Note: HISTIOCYTIC SARCOMA PRESENT ON SLIDE 21 IN MAMMARY GLAND FIBROADENOMA.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61831

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	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Developmental Malformation	
		Hemorrhage	Mild
[Developmental Malformation TGLS = 11-1-1]			
[Hemorrhage TGLS = 12-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Marked
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate
[Hepatodiaphragmatic Nodule TGLS = 13-22]			
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hyperplasia TGLS = 8-2-1]			
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61831

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 9-3-1]			
[Pigmentation TGLS = 9-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Thyroid Gland	Follicular Cel	Adenoma	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61903

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Clear Cell Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 5-23]			
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,3-22]			
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58162

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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-8]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 6-3-1]			
[Pigmentation TGLS = 6-3-1, 4-8]			
* Lymph Node, Mandibular		Pigmentation	Mild
[Pigmentation TGLS = 6-3-1, 4-8]			
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58162

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Cyst	
[Angiectasis TGLS = 7-1]			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 11-25]			
* Bone	Cranium	Osteopetrosis	Mild
	Femur	Osteopetrosis	Mild
[Osteopetrosis TGLS = 16-27]			
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Heart		Cardiomyopathy	Mild
* Intestine Large, Rectum		Edema	Moderate
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
[Nephropathy TGLS = 9-5]			
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Moderate

Note: MODERATE KUPFFER CELL HYPERPLASIA; NOT ENTERED ON TDMS.
[Cytologic Alterations TGLS = 12-6]
[Mixed Cell Focus TGLS = 14-6]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61832

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Renal	Hemorrhage	Moderate
	Renal	Hyperplasia	Lymphoid, Moderate
	Renal	Pigmentation	Marked
[Hemorrhage TGLS = 15-26]			
[Hyperplasia TGLS = 15-26]			
[Pigmentation TGLS = 15-26]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 4-21,5-22]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-24]			
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 17-1]			
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 6-23]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thymus		Hyperplasia	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Skeletal Muscle	Rhabdomyosarcoma				
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla	Pheochromocytoma Malignant;Clitoral Gland	Adenoma;Mammary Gland	Fibroadenoma;Pituitary Gland	Pars Distalis	Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61904

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	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
[Pigmentation TGLS = 4-5]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
* Lung		Hemorrhage	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hemorrhage TGLS = 6-2-1]			
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Marked
[Hemorrhage TGLS = 3-22]			
[Pigmentation TGLS = 3-22]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61904

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
[Basophilic Focus TGLS = 6-6]			
[Clear Cell Focus TGLS = 6-6]			
[Hepatocellular Adenoma TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61847

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 3-23]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 7-1]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61848

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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61848

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61833

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
* Parathyroid Gland	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	Vagina

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 7-1-1]			
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pancreas	Acinar Cell	Cytoplasmic Alteration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1-1]			
* Salivary Glands		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61833

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 5-22]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7-1]			

PRIMARY CAUSE OF DEATH	- Tongue Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61834

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, Mesenteric	* Nose	* Ovary	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Cytologic Alterations TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21,5-22]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61834

ORGAN AND ACCOUNTABLE SITE STATUS

[Hydrometra TGLS = 3-7]
[Polyp Stromal TGLS = 3-7]

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58163

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
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
* Salivary Glands		Atrophy	Mild
Note: ATROPHY INVOLVES PAROTID GLAND ONLY			
* Spleen		Pigmentation	Mild
* Stomach, Glandular		Mineralization	Mild
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61905

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, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone	Cranium	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 5-21]			
* Brain		Carcinoma	Metastatic (Pituitary Gland)
		Developmental Malformation	
[Developmental Malformation TGLS = 3-1-1]			
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
* Liver	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-2]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61905

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 4-1-1]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Marked
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 8-24]			
[Leukemia Mononuclear TGLS = 7-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61835

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 9-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 6-23]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
Note: FOCAL AREAS OF CYTOPLASMIC VACUOLIZATION AND INDIVIDUAL CELL NECROSIS; NOT CODED.			
[Cyst TGLS = 10-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Necrosis	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
[Necrosis TGLS = 4-22]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Uterus		Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma;Liver Hepatocellular Carcinoma;Uterus Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 469
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59855

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, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Moderate
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Subacute, Moderate
		Leukemia Mononuclear	
[Inflammation TGLS = 6-2]			
[Leukemia Mononuclear TGLS = 6-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 469
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59855

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 2-6]			
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach		Edema	Minimal
	Mucosa	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61906

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, Mandibular	* Nose	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Clear Cell Focus TGLS = 5-22]			
[Mixed Cell Focus TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61906

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
		Ultimobranchial Cyst	Moderate
* Uterus		Hydrometra	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61907

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	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
* Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61907

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61836

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	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
[Clear Cell Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 3-1]			
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61836

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
Note: THE MUCOSAL HYPERPLASIA IS AT THE LIMITING RIDGE.			
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Intestine Large, Cecum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Spleen		Pigmentation	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 441
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59856

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, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Kidney	Renal Tubule	Cytoplasmic Alteration	Moderate
		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 8-21]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Subacute, Moderate
[Hyperplasia TGLS = 10-2-1]			
[Infiltration Cellular TGLS = 10-2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 441
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59856

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 10-2-1]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Developmental Malformation	Mild
		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Developmental Malformation TGLS = 12-22]			
[Hematopoietic Cell Proliferation TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Glandular		Erosion	Mild
[Erosion TGLS = 11-4-1]			
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61837

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, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Vagina

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
[Nephropathy TGLS = 8-5]			
* Liver	Hepatocyte	Cytologic Alterations	Marked
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Mild
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Moderate
[Cytologic Alterations TGLS = 7-6]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 10-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21,5-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61837

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-8,4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-1]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Fibrosis TGLS = 13-24]			
[Leukemia Mononuclear TGLS = 9-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
Note: MUCOSAL HYPERPLASIA IS AT THE LIMITING RIDGE			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61207

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, Mesenteric
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney		Leukemia Mononuclear	
		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Cholangiocarcinoma	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Marked
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
[Cholangiocarcinoma TGLS = 9-24]			
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Cholangiocarcinoma	Metastatic (Liver)
		Infiltration Cellular	Histiocyte, Minimal
[Cholangiocarcinoma TGLS = 12-2-1]			
* Lymph Node, Mandibular		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mediastinal		Cholangiocarcinoma	Metastatic (Liver)
Note: LYM NODE MEDIA LESIONS ARE ON SLIDES 3 AND 3-1.			
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61207

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-21,2-22]			
Mesentery		Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 7-23]			
* Nose		Exudate	Moderate
	Mucosa	Metaplasia	Squamous, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7-1]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 11-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 6-6]			
[Leukemia Mononuclear TGLS = 6-6]			
* Uterus		Cholangiocarcinoma	Metastatic (Liver)
[Cholangiocarcinoma TGLS = 5-7-1]			

PRIMARY CAUSE OF DEATH	- Liver Cholangiocarcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61908

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, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Eosinophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 2-1]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 596
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	Ear	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-10]			
* Kidney		Leukemia Mononuclear	
		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 10-6]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 11-3-1]			
[Pigmentation TGLS = 7-7]			
[Pigmentation TGLS = 11-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 596
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60985

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 2-8]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7,5-7]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
		Ulcer	Minimal
[Hyperplasia TGLS = 12-21]			
[Ulcer TGLS = 12-21]			
* Stomach, Glandular		Edema	Mild
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58165

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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Mineralization	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	
* Spleen		Fibrous Histiocytoma	
		Pigmentation	Mild
[Fibrous Histiocytoma TGLS = 1-21-1]			
* Stomach, Glandular		Mineralization	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* 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	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Esophagus

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 5-1-1]			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
[Eosinophilic Focus TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61909

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 6-22]			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61838

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	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61838

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 672
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61352

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	Lacrimal Gland	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Brain		Developmental Malformation	
		Hydrocephalus	Moderate
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Marked
[Pigmentation TGLS = 1-5]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
Note: MUCOSAL HYPERPLASIA IS AT THE LIMITING RIDGE.			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas	* Parathyroid Gland
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone	Cranium	Osteopetrosis	Moderate
	Femur	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 7-26]			
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Minimal
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Clear Cell Focus TGLS = 3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61910

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 5-24]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Atrophy	Mild
* Skin		Squamous Cell Papilloma	
Note: SQUAMOUS PAPILLOMA (TGL 6-25) CONTAINS A LARGE CYST.			
[Squamous Cell Papilloma TGLS = 6-25]			
* Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58166

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	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Transit Epithe	Hyperplasia	Mild
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
* Lung		Inflammation	Subacute, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Salivary Glands		Atrophy	Mild
Note: ATROPHY INVOLVES THE PAROTID GLAND ONLY			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Trachea
* Uterus			

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Mild
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Moderate
		Thrombosis	Mild
Note: EOSIN FOCUS AND CLEAR CL FOCUS ARE ON SLIDE 23.			
[Leukemia Mononuclear TGLS = 6-6, 7-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61208

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 2-21]			
[Leukemia Mononuclear TGLS = 9-24]			
[Leukemia Mononuclear TGLS = 8-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-8]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 4-22]			
[Hyperplasia TGLS = 3-8]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-1]			
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	Moderate
* Urinary Bladder		Hyperplasia	Mild
		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61911

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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Mineralization	Moderate
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 3-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-23,6-24]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7-1]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61911

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear
* Stomach, Forestomach	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61849

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	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 8-1-1]			
* Kidney		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
[Clear Cell Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 7-1-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61849

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
* Uterus		Hydrometra	Mild
		Polyp Stromal	
[Polyp Stromal TGLS = 3-7-1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 506
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60134

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
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Diffuse, Mild
* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Marked
		Hematopoietic Cell Proliferation	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild

Note: CYTOLOGIC ALTERATION CONSISTS ON DIFFUSE INCREASED BASOPHILIA OF HEPATOCELLULAR CYTOPLASM.
[Hepatodiaphragmatic Nodule TGLS = 3-22]

* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Mild

[Carcinoma TGLS = 1-21]

* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 506
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60134

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61912

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, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Small, Duodenum	* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 2-1]			
[Cyst TGLS = 2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61912

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61913

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	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
[Clear Cell Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-21,2-22]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61913

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* 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
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-21]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Osteosarcoma	Metastatic (Bone)
* Intestine Large, Cecum		Ulcer	Mild
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
[Cytologic Alterations TGLS = 4-6]			
* Lung		Hemorrhage	Moderate
		Infiltration Cellular	Histiocyte, Marked
		Osteosarcoma	Metastatic (Bone)
[Osteosarcoma TGLS = 6-2]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Iliac	Pigmentation	Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 7-3-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 530
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-60135

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 5-22]			
[Pigmentation TGLS = 7-3-1]			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach		Edema	Mild
		Ulcer	Moderate
PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58167

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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney	Transit Epithe	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	Minimal
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Subacute, Mild
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 2-7]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61625

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, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Intestine Small, Ileum

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 5-1-1]			
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Minimal
	Kupffer Cell	Pigmentation	Minimal
[Clear Cell Focus TGLS = 2-6,3-21]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 0.5%	**DISP:** Natural Death	**HISTO:** 92-61625

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 568
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* 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	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Esophagus	Vagina

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Cyst	Marked
[Cyst TGLS = 3-22]			
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 7-2-1]			
Lymph Node	Pancreatic	Pigmentation	Marked
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 568
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60986

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61850

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, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-10]			
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
[Hepatocellular Adenoma TGLS = 4-24]			
[Leukemia Mononuclear TGLS = 3-23,5-6]			
* Lung		Hemorrhage	Moderate
		Infiltration Cellular	Histiocyte, Moderate
[Hemorrhage TGLS = 9-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61850

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-7-1]			
[Leukemia Mononuclear TGLS = 10-3-1]			
[Pigmentation TGLS = 8-7-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 12-1]			
[Cyst TGLS = 12-1]			
[Cyst TGLS = 12-1]			
[Hyperplasia TGLS = 12-1]			
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 2-22]			
[Leukemia Mononuclear TGLS = 2-22]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Urinary Bladder		Papilloma	
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 11-25]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61851

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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Inflammation	Subacute, Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
Note: LARGER BASOPHILIC FOCI ARE ON SLIDE 6.			
[Clear Cell Focus TGLS = 2-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lym Node Mesen			
Note: MESENTERIC LYMPH NODE HAS FOCAL AREA OF MINIMAL NECROSIS; NOT CODED.			
* Lymph Node, Mandibular		Pigmentation	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Mild
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61851

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61638

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
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 13-1-1]			
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
* Liver	Centrilobular	Atrophy	Moderate
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
		Leukemia Mononuclear	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Eosinophilic Focus TGLS = 10-6]			
* Lung		Edema	Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61638

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Marked
[Leukemia Mononuclear TGLS = 11-3-1]			
[Leukemia Mononuclear TGLS = 9-7]			
[Pigmentation TGLS = 11-3-1]			
[Pigmentation TGLS = 9-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 3-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 7-7]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Stomach, Glandular		Erosion	Mild
* Thyroid Gland	C Cell	Adenoma	Multiple
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 6-23]			

PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma;Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Brain		Hydrocephalus	Moderate
[Hydrocephalus TGLS = 9-1-1]			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
[Nephropathy TGLS = 5-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
[Clear Cell Focus TGLS = 4-6]			
[Cytologic Alterations TGLS = 1-21]			
[Eosinophilic Focus TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 6-2-1]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-22]			
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61852

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 3-23]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 2-1-1]			
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Minimal
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61915

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	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Minimal
[Eosinophilic Focus TGLS = 4-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Marked
[Hyperplasia TGLS = 1-5]			
[Pigmentation TGLS = 1-5]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Intermed	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61915

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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			

MISSING

* Adrenal Medulla

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 3-3-1]			
[Pigmentation TGLS = 3-3-1]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58168

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* 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	* Urinary Bladder	* Uterus	

MISSING

* Esophagus

OBSERVATIONS

* Brain		Developmental Malformation	
		Gliosis	Moderate
[Developmental Malformation TGLS = 12-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Marked
[Nephropathy TGLS = 6-5]			
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Granuloma	Marked
	Bile Duct	Hyperplasia	Mild
		Inflammation	Subacute, Mild
		Leukemia Mononuclear	
		Necrosis	Focal, Minimal
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
[Clear Cell Focus TGLS = 9-24]			
[Cytologic Alterations TGLS = 7-6]			
[Granuloma TGLS = 8-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61839

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 10-2-1]			
Lymph Node	Pancreatic	Granuloma	Mild
	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Marked
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 11-3-1]			
[Hyperplasia TGLS = 5-25]			
[Hyperplasia TGLS = 11-3-1]			
[Pigmentation TGLS = 11-3-1]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 3-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 13-1-1]			
* Spleen		Congestion	Moderate

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Lung Alveolar/Bronchiolar Carcinoma;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 590
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60987

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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Moderate
	Bile Duct	Hyperplasia	Mild
	Centrilobular	Necrosis	Moderate
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Mild
[Cytologic Alterations TGLS = 6-6]			
[Necrosis TGLS = 6-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 8-22]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 5-7]			
[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 7-5]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 590
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-60987

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 9-1]			
[Hyperplasia TGLS = 9-1]			
* Skin	Subcut Tiss	Edema	Moderate
[Edema TGLS = 2-21]			
* Spleen		Pigmentation	Marked
* Stomach, Forestomach		Edema	Mild
	Mucosa	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 10-4-1]			

PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 358
	DOSE: 0.5%	**DISP:** Scheduled Sacrifice	**HISTO:** 91-58169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Subacute, Mild
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
* Lung		Inflammation	Subacute, Minimal
* Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 147
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 90-55478

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Arthrosis	Marked
Note: AND FIBROSIS OF TARSAL BONES			
Note: ARTHROSIS CONSISTS OF HYPERPLASIA, CHRONIC INFLAMMATION,			
[Arthrosis TGLS = 3-21]			
* Bone Marrow		Myelofibrosis	Minimal
* Kidney		Mineralization	Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hyperplasia TGLS = 2-22]			
* Ovary		Cyst	
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
Note: AREA OF CYSTIC DEGENERATION ENTERED AS "CYST" ON TDMS.			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Bone Arthrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61916

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, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Eosinophilic Focus TGLS = 2-21]			
[Mixed Cell Focus TGLS = 2-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Oral Mucosa		Squamous Cell Carcinoma	
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61916

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Focal, Minimal
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular	Atrophy	Mild
	Hepatocyte	Cytologic Alterations	Moderate
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
[Hepatocellular Adenoma TGLS = 3-23]			
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 9-2-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
		Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 5-8]			
[Pigmentation TGLS = 5-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61853

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 4-24]			
[Hyperplasia TGLS = 6-8]			
* Nose		Exudate	Moderate
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-22]			
[Hematopoietic Cell Proliferation TGLS = 1-21]			
[Leukemia Mononuclear TGLS = 1-21]			
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 8-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61840

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
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 6-1-1]			
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Schwannoma Malignant	
Note: MALIGNANT SCHWANNOMA IS IN AN EARLY STAGE.			
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
Note: CLEAR CELL FOCUS IS ON SLIDE 23.			
[Basophilic Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61840

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Mild
[Carcinoma TGLS = 2-22]			
[Fibroadenoma TGLS = 1-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Mucosa	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland	Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61209

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	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Vagina

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
* Brain		Carcinoma	Metastatic (Pituitary Gland)
		Developmental Malformation	
		Hydrocephalus	Mild
[Carcinoma TGLS = 7-1-1]			
[Developmental Malformation TGLS = 7-1-1]			
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Minimal
[Hepatodiaphragmatic Nodule TGLS = 6-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Mammary Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 92-61209

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Mild
[Carcinoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Pigmentation	Moderate
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61917

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	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Angiectasis	Minimal
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Mild
	Kupffer Cell	Pigmentation	Mild
[Mixed Cell Focus TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 4-3-1]			
[Pigmentation TGLS = 4-3-1]			
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61917

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
[Angiectasis TGLS = 5-1]			
* Salivary Glands		Atrophy	Mild
* Spleen		Fibrosis	Moderate
		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
		Pigmentation	Minimal
[Fibrosis TGLS = 2-21]			
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Leukemia Mononuclear TGLS = 1-6]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61918

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	* Pancreas
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Mineralization	Moderate
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Bile Duct	Pigmentation	Mild
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
[Clear Cell Focus TGLS = 2-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 741
	DOSE: 0.5%	**DISP:** Terminal Sacrifice	**HISTO:** 92-61918

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Mucosa	Hyperplasia	Minimal
* Thyroid Gland	Bilateral, Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 448
	DOSE: 0.5%	**DISP:** Moribund Sacrifice	**HISTO:** 91-59857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Brain		Developmental Malformation	
[Developmental Malformation TGLS = 2-1-1]			
* Kidney		Mineralization	Mild
		Nephropathy	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Cytologic Alterations	Mild
	Bile Duct	Pigmentation	Moderate
	Hepatocyte	Pigmentation	Moderate
	Kupffer Cell	Pigmentation	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1-1]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE