C Number:	C93023B
Lock Date:	02/28/2000
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	03/19/2001

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-6]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86171

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Adenoma	
[Adenoma TGLS = 2-21]			

PRIMARY CAUSE OF DEATH	- Zymbal's Gland Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

Animal Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86727

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Prostate	Ventral	Adenoma	
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Stomach, Forestomach		Lipoma	
[Lipoma TGLS = 3-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
[Compression TGLS = 7-1]			
* Epididymis		Atypia Cellular	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 6-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Carcinoma	
		Hyperplasia	Marked
[Carcinoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 5-22]			
* Pancreas		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86728

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Ventral	Adenoma	
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86729

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Mild
Note: ACINAR HYPERPLASIA IS ON SLIDE 4.			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	Marked
[Compression TGLS = 5-1]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Kidney		Inflammation	Chronic, Mild
		Nephropathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Hemorrhage	Marked
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 3-3]			
[Pigmentation TGLS = 3-3]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86730

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium, Ventral	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Tongue	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 4-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Minimal
* Epididymis		Atypia Cellular	Moderate
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 2-6-1]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Mild
[Pigmentation TGLS = 3-3]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86732

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Nose		Inflammation	Chronic, Mild
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ON SLIDE 7.			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Parathyroid Gland	* Preputial Gland	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 3-7]			
[Hyperplasia TGLS = 7-3]			
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Pigmentation	Moderate
[Hemorrhage TGLS = 6-5]			
[Pigmentation TGLS = 6-5]			
* Mammary Gland		Hyperplasia	Mild
Mesentery		Accessory Spleen	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86733

ORGAN AND ACCOUNTABLE SITE STATUS

[Accessory Spleen TGLS = 4-23]			
* Nose		Inflammation	Chronic, Mild
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Prostate		Inflammation	Chronic, Moderate
* Salivary Glands		Atrophy	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Testes	Germinal Epith	Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86734

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA IS COMPOSED PRIMARILY OF FIBROUS TISSUE; GLANDULAR COMPONENT IS LIMITED TO AREA AT MARGIN OF TUMOR.			
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Pancreas		Atrophy	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86734

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86736

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86736

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 479
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
Note: FOCAL AREA OF MILD NECROSIS; NOT TABULATED.			
* Brain		Hemorrhage	Moderate
		Necrosis	Mild
[Hemorrhage TGLS = 10-1-1]			
* Epididymis		Atypia Cellular	Moderate
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 1-21]			
* Heart		Cardiomyopathy	Moderate
[Cardiomyopathy TGLS = 9-5]			
* Kidney		Histiocytic Sarcoma	
	Renal Tubule	Necrosis	Moderate
		Nephropathy	Moderate
Note: THE NEPHROPATHY APPEARS TO BE PRIMARILY A TUBULAR REGENERATIVE RESPONSE TO NECROSIS.			
[Necrosis TGLS = 5-5]			
[Nephropathy TGLS = 5-5]			
* Liver		Histiocytic Sarcoma	
	Centrilobular	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 479
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84909

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 4-6,7-6]			
* Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-2]			
* Mammary Gland		Hyperplasia	Mild
* Skin		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-22]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	- Skin Histiocytic Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Prostate	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Preputial Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone	Cranium	Osteopetrosis	Moderate
[Osteopetrosis TGLS = 7-21]			
* Epididymis		Atypia Cellular	Marked
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Hyperplasia TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
		Metaplasia	Osseous, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86621

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Moderate
* Pancreas		Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Fibrosis	Moderate
		Pigmentation	Mild
[Fibrosis TGLS = 4-6]			
[Pigmentation TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Pigmentation TGLS = 7-5]			
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
	Acinus	Cytoplasmic Alteration	Moderate
Note: ADENOMA IS ON SLIDE 4.			
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIOMA MAL IS ALSO PRESENT ON SEVERAL OTHER SLIDES INCLUDING 7 AND 7-1.			
[Mesothelioma Malignant TGLS = 3-21,4-22,5-23,6-24]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Ulcer	Minimal
* Stomach, Glandular		Erosion	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86622

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]			
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Peritoneum Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibrosarcoma	
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
[Fibrosarcoma TGLS = 2-22,3-23]			
[Hyperplasia TGLS = 1-21]			
[Inflammation TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Germinal Epith	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86737

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 5-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86738

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	* Kidney
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Pigmentation	Mild
* Pancreas	Acinus	Adenoma	
		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Salivary Glands		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86738

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86739

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
[Inflammation TGLS = 6-5]			
[Nephropathy TGLS = 6-5]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Pigmentation	Minimal
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
		Cyst	Moderate
	Acinus	Hyperplasia	Focal, Mild
[Adenoma TGLS = 5-7]			
Peritoneum		Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86739

ORGAN AND ACCOUNTABLE SITE STATUS

[Mesothelioma Malignant TGLS = 3-22]		
* Preputial Gland		Carcinoma
[Carcinoma TGLS = 1-21,2-8]		
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-6]		
* 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:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86740

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Pigmentation	Minimal
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86740

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-7]		
[Atrophy TGLS = 2-7]		
* Thyroid Gland	Follicular Cel	Carcinoma
[Carcinoma TGLS = 4-3]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86741

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

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Hemorrhage	Mild
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS ON SLIDE 7.			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
Note: INFLAMMATION IS ON SMALL PORTION OF PROSTATE ON SLIDE 7.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mandibular	* 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, Mild
		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Brain		Compression	Mild
[Compression TGLS = 9-1]			
* Heart		Cardiomyopathy	Mild
* Liver			
Note: MILD HEMATOPOIETIC CELL PROLIFERATION; NOT TABULATED.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 8-3]			
[Hyperplasia TGLS = 6-23]			
[Pigmentation TGLS = 8-3]			
* Lymph Node, Mesenteric		Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8,2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Preputial Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86202

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 3-22]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86742

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-24,6-25]			
* Pancreas	Acinus	Adenoma	
		Atrophy	Moderate
	Acinus	Hyperplasia	Focal, Moderate
[Adenoma TGLS = 7-7]			
[Hyperplasia TGLS = 7-7]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Lipoma	
[Fibroma TGLS = 1-21,2-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86742

ORGAN AND ACCOUNTABLE SITE STATUS

[Lipoma TGLS = 3-23]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 5-7]		
* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Edema	Moderate
		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Nose		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86743

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Degeneration	Mild
	Epithelium, Ventral	Hyperplasia	Minimal
	Ventral	Inflammation	Minimal
Note: MILD FIBROSIS IN PROSTATE; LESION NOT TABULATED.			
* Spleen		Fibrosis	Mild
		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: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Moderate
[Hyperplasia TGLS = 5-3]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Minimal
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86744

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tongue	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 7-22]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Pancreas	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Moderate
[Compression TGLS = 6-1]			
* Epididymis		Atypia Cellular	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 2-7]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
Note: HDN IS ALSO EVIDENT ON SLIDE 6.			
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86745

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-8]			
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Atrophy TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86746

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
[Hemorrhage TGLS = 4-21]			
[Hyperplasia TGLS = 4-21]			
[Pigmentation TGLS = 4-21]			
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86746

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86747

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	* Lymph Node, Mandibular	* 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	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
[Clear Cell Focus TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IS PRESENT (SLIDE 8).			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Pancreas	Acinus	Adenoma	
Note: ACINAR ADENOMA IS ON SLIDE 4.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86747

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86748

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

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86749

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Pancreas		Atrophy	Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin		Neural Crest Tumor	
[Neural Crest Tumor TGLS = 4-23]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86749

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86355

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	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Pancreas		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86355

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 259
	DOSE: 0 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-82839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Esophagus		Perforation	
[Perforation TGLS = 6-21]			
* Lung		Congestion	Moderate
		Edema	Moderate
		Foreign Body	
Note: THE FOREIGN BODY RESEMBLES OIL.			
[Congestion TGLS = 5-2]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 9-3]			
* Nose		Foreign Body	
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-8]			
* Skin		Foreign Body	
		Necrosis	Marked
Note: SUBCUTANEOUS NECROISIS ALSO INVOLVES UNDERLYING SKELETAL MUSCLE; NOT TABULATED.			
[Foreign Body TGLS = 8-22]			
[Necrosis TGLS = 8-22]			
* Thymus		Hemorrhage	Moderate
[Hemorrhage TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 259
	DOSE: 0 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-82839

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Atrophy	Mild
Note: ATROPHY INVOLVES PAROTID GLAND.			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lung	* Mammary Gland
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Adenoma	
* Epididymis		Atypia Cellular	Marked
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Nose		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Hyperplasia	Focal, Mild
Note: ACINAR HYPERPLASIA IS ON SLIDE 4.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 3-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86751

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86752

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-3]			
* Pancreas		Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 554
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Mammary Gland	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Intestine Large, Colon	* Lymph Node, Mandibular

OBSERVATIONS

* Islets, Pancreatic		Adenoma	
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Carcinoma	Metastatic (Zymbal'S Gland)
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Ectasia TGLS = 2-22]			
[Hyperplasia TGLS = 2-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery		Hemorrhage	Moderate
	Fat	Necrosis	Mild
[Hemorrhage TGLS = 1-21]			
[Necrosis TGLS = 1-21]			
* Nose		Foreign Body	
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 554
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85770

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.

* Testes	Interstit Cell	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 3-23]			

PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Mild
Note: ACINAR HYPERPLASIA IS ON SLIDES 4 AND 7.			
[Adenoma TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86754

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 587
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Prostate	Epithelium, Ventral	Degeneration	Mild
	Epithelium, Ventral	Hyperplasia	Minimal
	Ventral	Inflammation	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 587
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85906

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86755

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Marked
		Hypertrophy	Focal, Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-21]			
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
Note: FOCAL ACINAR HYPERPLASIA IS ALSO PRESENT ON SLIDE 7.			
[Hyperplasia TGLS = 3-7-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86755

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Nose		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86756

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86757

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Intestine Large, Colon	* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 4-2]			
[Hemorrhage TGLS = 4-2]			
[Hyperplasia TGLS = 4-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Nose		Foreign Body	
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86758

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Nose	* Parathyroid Gland	Peripheral Nerve	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Diffuse, Moderate
* Brain		Compression	Moderate
		Hydrocephalus	Mild
[Compression TGLS = 11-1]			
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Moderate
		Nephropathy	Minimal
Note: GRANULAR MATERIAL IN SOME RENAL TUBULES; CONSIDERED TO BE PROCESSING ARTIFACT.			
[Hydronephrosis TGLS = 10-5]			
* Liver			
Note: GLYCOGEN DEPLETION IN LIVER; NOT TABULATED.			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 9-7-2]			
[Pigmentation TGLS = 9-7-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86623

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
[Hemorrhage TGLS = 13-5]			
[Hyperplasia TGLS = 13-5]			
[Pigmentation TGLS = 13-5]			
* Mammary Gland		Carcinoma	
		Hyperplasia	Moderate
Note: MAMMARY GLAND CARCINOMA IS ON SLIDE 8.			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
Note: MODERATE VASCULAR CONGESTION IN MESENTERY ON SLIDE 21.			
[Necrosis TGLS = 8-21]			
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
	Acinus	Hyperplasia	Focal, Mild
Note: TWO ADENOMAS ARE PRESENT (SLIDE 7-2).			
* Pituitary Gland	Pars Distalis	Adenoma	
Note: THE PITUITARY GLAND TUMOR IS MARKEDLY PLEOMORPHIC, BUT DOES NOT APPEAR TO BE INVASIVE OR METASTATIC.			
[Adenoma TGLS = 12-1]			
* Prostate		Inflammation	Chronic, Marked
[Inflammation TGLS = 5-7-1]			
* Sem Ves			
Note: SECRETIONS IN SEMINAL VESICLE APPEAR INSPISSATED AND DEGENERATED AND EPITHELIUM APPEARS MILDLY HYPERPLASTIC (TGLS 6-7 AND 7-7); NOT TABULATED.			
* Spleen		Pigmentation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Hemorrhage	Marked
		Inflammation	Suppurative, Moderate
[Hemorrhage TGLS = 3-8-1,4-8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86623

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-8-1]

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 542
	DOSE: 0 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Lymph Node, Mandibular	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Testes	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Compression	Marked
		Hydrocephalus	Moderate
[Compression TGLS = 2-1]			
* Liver		Clear Cell Focus	
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
* Spleen		Pigmentation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Ulcer	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Hydrocephalus	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Pigmentation	Mild
* Pancreas		Atrophy	Mild
	Acinus	Cytoplasmic Alteration	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 0 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Islets, Pancreatic	* Kidney	* Liver
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum
* Intestine Small, Jejunum

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
		Thrombosis	Marked
[Thrombosis TGLS = 2-21]			
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Nose		Inflammation	Chronic, Mild
Note: MILD HEMORRHAGE IN NOSE; POSSIBLE AGONAL CHANGE AND NOT TABULATED.			
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
* Brain		Compression	Marked
[Compression TGLS = 2-1]			
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Hyperplasia	Moderate
Note: ISLET CELL HYPERPLASIA PRESENT ON SLIDES 4 AND 7.			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 4-7-1]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86760

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Moderate
* Testes	Germinal Epith	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-6]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 6-3]			
[Leukemia Mononuclear TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-5]			
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86204

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-21]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86761

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
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IS PRESENT (SLIDE 8).			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Degeneration	Minimal
	Ventral	Inflammation	Minimal
* Salivary Glands		Atrophy	Moderate
Note: MODERATE CHRONIC INFLAMMATION ASSOCIATED WITH ATROPHY; NOT TABULATED.			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Necrosis	Mild
		Nephropathy	Mild
[Necrosis TGLS = 6-5]			
* Liver	Centrilobular	Necrosis	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
Oral Mucosa		Hyperplasia	Moderate
Note: HYPERPLASIA IS ON SLIDE 9-1.			
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
[Cytoplasmic Alteration TGLS = 5-7]			
* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Ulcer	Moderate
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86254

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]
* Urin Bladder
Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

Animal Note: MINIMAL THROMBOSIS IN LIVER AND LUNG; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86762

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-10]			
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86762

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 3-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* 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	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Marked
		Hydrocephalus	Mild
[Compression TGLS = 2-1]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Spleen		Pigmentation	Marked
* Testes	Germinal Epith	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Urinary Bladder		

MISSING

* Esophagus	* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Carcinoma	Metastatic (Thyroid Gland)
	Mediastinal	Hyperplasia	Lymphoid, Mild
[Carcinoma TGLS = 2-3]			
[Hyperplasia TGLS = 2-3]			
* Lymph Node, Mesenteric		Ectasia	Mild
		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86763

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-3]			
* Trachea	Epithelium	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86764

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
Note: TWO ACC ADR COR ND'S ARE PRESENT, ONE ABOVE THE CAPSULE AND ANOTHER ENCROACHING INTO THE CORTEX.			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86764

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86765

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Metaplasia	Osseous, Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Pigmentation	Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86766

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

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Mild
Eye		Cataract	Marked
	Retina	Degeneration	Marked
[Cataract TGLS = 1-44]			
[Degeneration TGLS = 1-44]			
* Heart		Cardiomyopathy	Moderate
Note: CARDIOMYOPATHY INCLUDES MODERATE INFILTRATION OF HISTIOCYTES AND LYMPHOCYTES.			
* Kidney		Inflammation	Chronic, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
* Nose		Foreign Body	
		Inflammation	Chronic, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas		Atrophy	Moderate
		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86766

ORGAN AND ACCOUNTABLE SITE STATUS

	Acinus	Hyperplasia	Focal, Moderate
[Atrophy TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 4-22]			
* Bone Marrow		Hyperplasia	Marked
Note: SMALL FOCUS OF HEMORRHAGE AND NECROSIS; NOT TABULATED.			
* Epididymis		Atypia Cellular	Moderate
* Liver		Basophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Prostate		Inflammation	Chronic, Mild
[Inflammation TGLS = 7-7-1]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86624

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-7]
[Atrophy TGLS = 5-7]

PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Complex

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86767

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	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	Spinal Cord
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 4-21]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 5-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pancreas		Atrophy	Marked
[Atrophy TGLS = 3-7]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86767

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-7]		
* Urin Bladder		
Note: TGL 2-8 IS URINARY BLADDER DILATATION; MORPHOLOGY NOT AVAILABLE ON TDMS.		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Marked
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21,4-22]			
* Pancreas	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Spleen		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86768

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 371
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow	Leukemia Mononuclear	
* Heart	Cardiomyopathy	Moderate
* Liver	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]		
* Lung	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]		
* Lymph Node, Mesenteric	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
	Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 2-6]		
[Leukemia Mononuclear TGLS = 2-6]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86769

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Mild
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 5-22]			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-8]			
Skeletal Muscle		Sarcoma	
[Sarcoma TGLS = 2-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86769

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Marked
[Atrophy TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86770

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Moderate
* Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatocellular Carcinoma TGLS = 7-22]			
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
Note: BLOOD PRESENT IN SOME OF THE CYSTICALLY HYPERPLASTIC MAMMARY GLANDS.			
[Hyperplasia TGLS = 2-21]			
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Moderate
Note: ACINAR TUMOR IS SLIGHTLY UNDER 3MM IN DIAMETER BUT IS DIAGNOSED AS ADENOMA BASED ON MORPHOLOGY.			
Note: ACINAR HYPERPLASIA IS PRESENT ON SLIDES 4 AND 7.			
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86771

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
[Adenoma TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86772

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
* Kidney	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Mild
* Epididymis		Atypia Cellular	Marked
* Heart		Cardiomyopathy	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
[Hyperplasia TGLS = 3-6]			
* Lymph Node, Mesenteric		Pigmentation	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86773

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas		Atrophy	Moderate
[Atrophy TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Prostate		Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86773

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 5-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86774

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86775

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
* Kidney	* Mammary Gland	* 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

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86625

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
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	Spinal Cord
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 7-23]			
* Lung		Carcinoma	Metastatic (Preputial Gland)
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-22]			
[Leukemia Mononuclear TGLS = 4-7-2]			
[Leukemia Mononuclear TGLS = 8-3]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate

Note: MAMMARY HYPERPLASIA IS PRESENT ON SLIDES 8 AND 21.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86625

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-21]			
* Nose		Foreign Body	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-8,3-8]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
		Inflammation	Chronic, Marked
[Inflammation TGLS = 5-7-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Testes	Germinal Epith	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 22.5 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	Moderate
[Compression TGLS = 7-1]			
* Islets, Pancreatic		Adenoma	
		Carcinoma	
[Adenoma TGLS = 3-7]			
[Carcinoma TGLS = 3-7]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 6-22]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Pigmentation TGLS = 4-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 704
	DOSE: 22.5 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86626

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 5-7]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86776

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86776

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86777

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild

[Basophilic Focus TGLS = 3-6]

* Lung

Note: FOCUS OF HISTIOCYTES, ADIPOSE TISSUE, AND FIBROUS TISSUE ADJACENT TO LUNG SURFACE; CONSIDERED ARTIFACT AND NOT TABULATED.

Lymph Node	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate

Note: MODERATE ECTASIA AND HISTIOCYTOSIS OF PANCREATIC LYMPH NODE; NOT TABULATED.

[Hemorrhage TGLS = 2-7]
[Hyperplasia TGLS = 2-7]
[Hyperplasia TGLS = 4-3-1]
[Pigmentation TGLS = 2-7]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86777

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Prostate		Inflammation	Chronic, Mild
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Moderate
[Adenoma TGLS = 1-7]			
* Thyroid Gl			
Note: ULTIMOBRANCHIAL CYST PRESENT IN THYROID GLAND; NOT TABULATED.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 22.5 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Hemorrhage	Marked
[Hemorrhage TGLS = 5-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Nose		Foreign Body	
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Edema	Mild
	Epithelium	Hyperplasia	Mild
* Stomach, Glandular		Erosion	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 6-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 537
	DOSE: 22.5 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85318

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder [Hemorrhage TGLS = 2-8,3-8]	Hemorrhage	Marked
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86778

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Inflammation	Chronic, Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 2-6]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-5]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Moderate
		Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86778

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-22]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86779

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
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Moderate
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hyperplasia TGLS = 4-7]			
[Pigmentation TGLS = 4-7]			
* Pancreas	Acinus	Adenoma	
		Atrophy	Minimal
[Adenoma TGLS = 3-7-2]			
* Preputial Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Hemangiopericytoma	
[Hemangiopericytoma TGLS = 5-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86779

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Trachea			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Heart		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-5]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Moderate
[Leukemia Mononuclear TGLS = 6-22]			
[Necrosis TGLS = 2-21]			
* Pancreas		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86357

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Edema	Moderate
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* 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

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Iliac	Leukemia Mononuclear	
	Iliac	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 6-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 7-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86780

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 7-5]			
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Prostate	Ventral	Adenoma	
		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 1-7]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Mixed Cell Focus TGLS = 5-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Pancreas		Cyst	Moderate
	Acinus	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86781

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86782

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Pancreas		Atrophy	Mild
	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
Note: THE PITUITARY GLAND TUMOR IS MODERATELY PLEOMORPHIC BUT SHOWS NO SIGNS OF INFILTRATION OR METASTASIS.			
[Adenoma TGLS = 7-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86783

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	Peripheral Nerve	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hydrocephalus	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1]			
Eye		Cataract	Moderate
	Retina	Degeneration	Moderate
[Cataract TGLS = 8-22]			
* Islets, Pancreatic		Adenoma	
Note: ISLET ADENOMA IS PRESENT ON SLIDE 21.			
* Kidney		Nephropathy	Minimal
* Liver		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: THE LEUKEMIC LYMPH NODE ON SLIDE 21 APPEARS TO BE PANCREATIC INSTEAD OF RENAL.			
[Leukemia Mononuclear TGLS = 6-3]			
[Leukemia Mononuclear TGLS = 5-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
* Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86358

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC PRESENT ON SLIDE 21.			
* Pituitary Gland	Pars Distalis	Adenoma	
Spinal Cord		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Hemorrhage	Marked
[Hemorrhage TGLS = 3-8]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

Animal Note: LEUKEMIA MONUC IN BRAIN AND SPINAL CORD MANIFESTED PRIMARILY BY HEMORRHAGE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Intestine Large, Colon	* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-21]			
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
* Pancreas		Atrophy	Moderate
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIO MAL IS PRESENT ON SLIDE 7.			
* Preputial Gland		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86784

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 2-21]			
[Leukemia Mononuclear TGLS = 4-22]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Pancreas		Atrophy	Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
Note: MILD FOCAL HYPERPLASIA; NOT TABULATED.			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86785

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 190
	DOSE: 22.5 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-82126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Esophagus		Perforation	
[Perforation TGLS = 2-21]			
* Lung		Inflammation	Suppurative, Moderate
Note: LUNG SUPPURATIVE INFLAMMATION IS PRIMARILY IN MEDIASTINUM.			
[Inflammation TGLS = 4-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
Skel Muscle			
Note: TGL 6 IS EDEMA; MORPHOLOGY NOT AVAILABLE.			
Note: NO CORRELATING LESION FOR TGL 6-23.			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hemorrhage	Mild
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86786

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

* Intestine Large, Rectum	* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Nose		Inflammation	Chronic, Minimal
Perph Nerve			
Note: MINIMAL CHRONIC INFLAMMATION IN FATTY TISSUE SURROUNDING PERIPHERAL NERVE; NERVE PROPER APPEARS NORMAL.			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
[Cyst TGLS = 5-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Moderate
* Stom Forestom			
Note: NO CORRESPONDING LESION FOR TGL 3 (FORESTOMACH CYST) IS EVIDENT ON SLIDE 4 OR 21.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86714

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Inflammation	Chronic, Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 582
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-21]			
* Heart		Cardiomyopathy	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Osteosarcoma	Metastatic (Bone)
Note: METASTATIC OSTEOSARC IS ALSO PRESENT ON SLIDE 2.			
[Osteosarcoma TGLS = 5-2-1]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH - Bone Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86787

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Minimal
Note: FOCAL ACINAR HYPERPLASIA IS ON SLIDE 4.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 5-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86205

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Schwannoma Malignant	
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86788

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Ventral	Adenoma	
	Epithelium, Ventral	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Note: THE FOCI OF CELLULAR ALTERATION ARE PRESENT ON SLIDE 6.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
	Acinus	Hyperplasia	Focal, Mild
Note: THE FOCAL ACINAR HYPERPLASIA IS ON SLIDES 4 AND 7.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Adenoma	
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86789

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86790

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
	Kupffer Cell	Pigmentation	Mild
[Basophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gl			
Note: MAMMARY GLAND IS PRESENT ADJACENT TO SALIVARY GLAND (SLIDE 8).			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86790

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86791

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-22]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86791

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86792

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Carcinoma	
	Transit Epithe	Hyperplasia	Mild
		Infarct	Moderate
Note: ZONE OF LOOSELY ARRANGED CONNECTIVE TISSUE (ADHESION) JOINING KIDNEY AND LIVER ON SLIDE 22; NOT TABULATED.			
[Infarct TGLS = 2-21]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
Note: CLEAR CELL FOCUS IS ON SLIDE 22.			
[Eosinophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 4-22]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86792

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-23]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-8]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	
* Testes	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 345
	DOSE: 22.5 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

Lymph Node	* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets Panc			
Note: MILD ISLET CELL HYPERPLASIA; NOT TABULATED.			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Congestion	Marked
		Edema	Moderate
[Congestion TGLS = 2-2]			
[Edema TGLS = 2-2]			
* Nose		Foreign Body	
		Inflammation	Chronic, Moderate
* Spleen		Pigmentation	Mild
* Thymus		Hemorrhage	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Atypia Cellular	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Eosinophilic Focus TGLS = 5-6-1]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 6-23]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-22]			
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Lymph Follic	Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86793

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-7]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 509
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-85137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea		

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Prostate		Inflammation	Chronic, Marked
* Sem Ves			
Note: MODERATE CHRONIC INFLAMMATION IN SEMINAL VESICLE; NOT TABULATED.			
* Skin	Pinna	Neural Crest Tumor	
[Neural Crest Tumor TGLS = 1-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Skin Pinna Neural Crest Tumor

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86794

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
Note: MODERATE AMOUNT OF ALVEOLAR PROTEINOSIS ASSOCIATED WITH ALVEOLAR HYPERPLASIA; NOT TABULATED.			
[Hyperplasia TGLS = 6-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Moderate
[Adenoma TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 5-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86794

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86795

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
Note: MEDIASTINAL AND PANCREATIC LYMPH NODES MODERATELY HYPERPLASTIC (SLIDES 3 AND 7); NOT TABULATED			
* Lymph Node, Mesenteric		Pigmentation	Moderate
[Pigmentation TGLS = 4-5]			
* Prostate		Inflammation	Chronic, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86795

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86796

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
* Kidney	* Lung	* Nose	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-21,2-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 606
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Moderate
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Ectasia	Marked
[Ectasia TGLS = 3-22]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
[Cytoplasmic Alteration TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 4-23]			

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86359

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Congestion	Moderate
		Edema	Moderate
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Pigmentation TGLS = 4-7]			
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-21]			
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7,2-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Oral Mucosa Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86797

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
* Kidney	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Mild
Note: FOCUS OF MILD SQUAMOUS EPITHELIAL HYPERPLASIA IN A SINGLE BRONCHIOLE; POSSIBLY SECONDARY TO INHALATION OF FOREIGN MATERIAL; NOT TABULATED.			
Lymph Node	Pancreatic	Ectasia	Moderate
	Pancreatic	Pigmentation	Minimal
[Ectasia TGLS = 4-22]			
* Mammary Gland		Hyperplasia	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86797

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-4]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Moderate
[Compression TGLS = 6-1]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Carcinoma	
[Carcinoma TGLS = 5-5]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 3-7]			
[Hemorrhage TGLS = 2-3]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild

Note: MILD HEMORRHAGE AND CONGESTION IN SECTION OF FAT NECROSIS; NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86627

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 8-21]			
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
	Acinus	Hyperplasia	Focal, Moderate
[Cytoplasmic Alteration TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 7-1]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-4]			
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Kidney Renal Tubule Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86798

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 2-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pancreas	Acinus	Adenoma	
		Cyst	Moderate
Note: MILD LYMPHOID INFILTRATE SURROUNDING PANCREATIC CYST.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Cyst	Moderate
	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86798

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma
[Squamous Cell Papilloma TGLS = 4-4]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-7]		
* Thyroid Gland	C Cell	Adenoma
[Adenoma TGLS = 3-3]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 2-6]			
Lymph Node			
Note: PANCREATIC LYMPH NODE NORMAL			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Parathyroid Gl			
Note: PARATHYROID GLAND IS PRESENT ON SLIDE 3.1.			
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86800

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 3-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
[Pigmentation TGLS = 2-5]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Note: FOCAL CELLULAR HYPERTROPHY ALONG WITH HYPERPLASIA IN PARS DISTALIS; NOT TABULATED.			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86800

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86801

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 5-6]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 4-7]			
[Pigmentation TGLS = 4-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Moderate
	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Moderate
[Adenoma TGLS = 6-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86801

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 7-7-1]			
[Inflammation TGLS = 3-7-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Rectum	* Islets, Pancreatic	* Lung
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Trachea

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 6-21]			
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Cyst	Moderate
		Leukemia Mononuclear	
		Nephropathy	Minimal
[Cyst TGLS = 7-5]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-22]			
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7]			
* Prostate		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 671
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86628

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 3-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Bilateral, C Cell	Adenoma	
[Adenoma TGLS = 10-3]			
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Complex

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86802

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Metaplasia	Osseous, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 3-7]			
[Hemorrhage TGLS = 4-3]			
[Hyperplasia TGLS = 4-3]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86803

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 536
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Skin	Sebaceous Gl	Adenoma	
Note: SEBACEOUS ADENOMA IS MARKEDLY ULCERATED.			
[Adenoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-6]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-7]			
* Urin Bladder			
Note: URINARY BLADDER HAS APPARENT INFUSION ARTIFACT.			

PRIMARY CAUSE OF DEATH - Skin Sebaceous Gl Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 503
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 98-84949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: INTERSTITIAL CELL ADENOMA ALSO PRESENT ON SLIDE 7.			
[Adenoma TGLS = 2-7-1]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86804

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 3-6]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 4-3]			
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Preputial Gland		Carcinoma	
		Inflammation	Chronic, Moderate
[Carcinoma TGLS = 1-21]			
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86804

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86805

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Moderate
		Hyperplasia	Focal, Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
* Mammary Gl			
Note: MILD ANGIECTASIS IN MAMMARY GLAND (SLIDE 8); NOT TABULATED.			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86805

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 1-21]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
[Cardiomyopathy TGLS = 8-5]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 9-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 10-1]			
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86806

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 11-22]			
* Testes	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
[Atrophy TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus	* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Pigmentation TGLS = 2-5]			
* Pancreas		Atrophy	Mild
	Acinus	Hyperplasia	Focal, Moderate
Note: PANCREATIC ATROPHY IS EVIDENT ON SLIDE 4.			
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Brain		Compression	Mild
[Compression TGLS = 9-1]			
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Liver	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Minimal
[Hemorrhage TGLS = 6-3]			
[Hyperplasia TGLS = 6-3]			
[Pigmentation TGLS = 6-3]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86808

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Marked
		Inflammation	Chronic, Mild
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 7-3.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Epididymis
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Nose	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	Spinal Cord	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Minimal
* Brain		Compression	Moderate
[Compression TGLS = 10-1]			
* Intestine Large, Colon		Carcinoma	
[Carcinoma TGLS = 7-24]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 8-3]			
[Hyperplasia TGLS = 5-7]			
[Pigmentation TGLS = 5-7]			
[Pigmentation TGLS = 8-3]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 686
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86629

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-22]			
* Pancreas	Acinus	Adenoma	
[Adenoma TGLS = 6-23]			
* Pituitary Gland	Pars Distalis	Adenoma	
Note: PITUITARY GLAND TUMOR IS INFILTRATING VENTRAL ASPECT OF BRAIN.			
[Adenoma TGLS = 9-1]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Fibrosis	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Intestine Large;Colon Carcinoma;Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 553
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Diffuse, Mild
* Bone Marrow		Hyperplasia	Mild
Note: FOCALLY EXTENSIVE AREA OF NECROSIS; NOT TABULATED.			
* Brain		Necrosis	Mild
* Epididymis		Atypia Cellular	Moderate
[Atypia Cellular TGLS = 4-7]			
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 9-5]			
* Liver		Histiocytic Sarcoma	
	Centrilobular	Necrosis	Marked
[Histiocytic Sarcoma TGLS = 10-6]			
[Necrosis TGLS = 10-6]			
* Lung		Hemorrhage	Moderate
		Histiocytic Sarcoma	
[Hemorrhage TGLS = 11-2]			
[Histiocytic Sarcoma TGLS = 11-2]			
Lymph Node	Pancreatic	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-7]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 553
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85320

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Cyst	Moderate
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 8-23]			
* Nose		Foreign Body	
		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
* Skin		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-21,2-22,13-24]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 5-6]			
* Stomach, Forestomach		Edema	Moderate
* Stomach, Glandular		Edema	Moderate
		Ulcer	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Skin Histiocytic Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
		Hyperplasia	Diffuse, Moderate
[Hyperplasia TGLS = 4-10]			
* Brain		Compression	Marked
		Hydrocephalus	Mild
[Compression TGLS = 7-1]			
Harderian Gland		Pigmentation	Moderate
Note: MODERATE AMOUNT OF PORPHYRIN PIGMENT IN HARDERIAN GLAND; CONSIDERED PHYSIOLOGICAL CHANGE.			
[Pigmentation TGLS = 6-22]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: MODERATE SINUSOIDAL CONGESTION; NOT TABULATED.			
[Hyperplasia TGLS = 2-6]			
[Vacuolization Cytoplasmic TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86173

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

Note: FOLLICULAR CELL HYPERPLASIA IS BILATERALLY DIFFUSE, POSSIBLY SECONDARY TO THYROTROPIC EFFECT OF PITUITARY CARCINOMA.
[Hyperplasia TGLS = 5-3]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: DETACHED SECTION ADJACENT TO PROSTATE ON SLIDE 7-1 RESEMBLING PORTION OF A MESEN CHYMAL TUMOR; CONSIDERED ARTIFACT IN ABSENCE OF CORRESPONDING GROSS LESION.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Brain	* Epididymis	* Esophagus
* 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	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hypertrophy	Focal, Marked
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 11-22]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Intestine Large, Cecum		Edema	Moderate
[Edema TGLS = 9-4]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Nephropathy TGLS = 6-5]			
* Liver		Leukemia Mononuclear	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 10-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86360

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas			
Note: TGL 8 IS MODERATE EDEMA; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Skin		Granuloma	Moderate
Note: GRANULOMA IS PRESENT ON SLIDE 8.			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Bone Osteosarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86809

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Focal, Moderate
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86809

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PORTION OF DETACHED SPLEEN (ACCESSORY SPLEEN) ON SLIDE 6; NOT TABULATED.

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Esophagus

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86810

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86811

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Kidney		Inflammation	Chronic, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
[Hyperplasia TGLS = 3-6]			
* Lymph Node, Mesenteric		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Pancreas	Acinus	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86811

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 4-22]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-22]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node			
Note: PANCREATIC LYMPH NODE NORMAL.			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Intermed	Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86812

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL 7 IS NORMAL TACTILE HAIR FOLLICLES WITH PROMINENT BLOOD-FILLED SINUSOIDS.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 4-1]			
[Leukemia Mononuclear TGLS = 4-1]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Kidney	Renal Tubule	Dilatation	Mild
		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-7-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 629
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86216

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86813

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	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86813

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 5-4] * Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86814

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 7-6]			
[Eosinophilic Focus TGLS = 7-6]			
[Mixed Cell Focus TGLS = 6-23]			
Lymph Node	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 5-7]			
[Hyperplasia TGLS = 4-3]			
[Hyperplasia TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86814

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Mild
[Adenoma TGLS = 8-24]			
* Pituitary Gland	Pars Intermed	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Skin		Cyst Epithelial Inclusion	
Note: EXTENSIVE GRANULOMATOUS INFLAMMATORY RESPONSE IN SUBCUTIS AND SKELETAL MUSCLE ADJACENT TO CYST, APPARENTLY RESULTING FROM RUPTURE OF CYST.			
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Tongue	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 9-25]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
Note: MODERATE ECTASIA OF PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hyperplasia TGLS = 2-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pancreas	Acinus	Adenoma	
Note: ACINAR ADENOMAS PRESENT ON SLIDES 7 AND 21.			
[Adenoma TGLS = 4-21]			
* Parathyroid Gl			
Note: PARATHYROID GLAND PRESENT ON SLIDE 3.1.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86815

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 5-2-1]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Prostate	Ventral	Adenoma	
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86816

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 560
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Moderate
[Compression TGLS = 2-1]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Pigmentation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Kidney	* Lung	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Pancreas		Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Ventral	Adenoma	
		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86817

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 45 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Esophagus		Perforation	
[Perforation TGLS = 4-21]			
* Heart		Cardiomyopathy	Mild
Note: SUBSTANCE RESEMBLING FOREIGN MATERIAL IN PERICARDIUM ON SLIDE 22 (TGLS 3 AND 5); MORPHOLOGY NOT AVAILABLE.			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 6-2]			
[Congestion TGLS = 2-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Moderate
[Basophilic Focus TGLS = 1-6]			
[Clear Cell Focus TGLS = 1-6]			
[Hyperplasia TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Prostate	Epithelium, Ventral	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86818

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 3-4] * Testes [Adenoma TGLS = 2-7]	Bilateral, Interstit Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 4-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-5]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-8-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Mammary Gland
* Nose	* Parathyroid Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 5-2-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86819

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-1]			
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2]			
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-3]			
[Leukemia Mononuclear TGLS = 8-24]			
[Leukemia Mononuclear TGLS = 3-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-23]			
Mesentery	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 483
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84950

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIC SPLEEN PRESENT ON SLIDE 26. NO MESENTERIC LESION PRESENT.			
[Necrosis TGLS = 1-21]			
* Nose		Inflammation	Chronic, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
Note: SPLENIC NECROSIS ASSOCIATED WITH LEUKEMIA ON SLIDES 25 AND 26.			
[Leukemia Mononuclear TGLS = 2-6,10-25]			
* Testes	Interstit Cell	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86820

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Minimal
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 2-21]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86820

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86821

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 7-22]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: LARGE EOSINOPHILIC FOCUS CONTAINS SCATTERED VACUOLATED HEPATOCYTES.			
[Basophilic Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
[Vacuolization Cytoplasmic TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 6-2-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86821

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Carcinoma TGLS = 6-2-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Adenoma	
		Atrophy	Moderate
[Adenoma TGLS = 7-22]			
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 5-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Moderate
* Heart		Cardiomyopathy	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			
* Mammary Gland		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 4-1-1,4-21]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86715

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86822

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
* Kidney	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6,3-22]			
* Lung		Alveolar/Bronchiolar Adenoma	
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Moderate
[Adenoma TGLS = 4-7-2]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate	Ventral	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86822

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-4-1]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Heart		Cardiomyopathy	Moderate
* Kidney		Inflammation	Chronic, Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Hyperplasia TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
Note: MAMMARY GLAND HYPERPLASIA IS ALSO PRESENT ON SLIDE 8.			
[Hyperplasia TGLS = 3-8-1]			
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86823

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-1]			
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	Marked
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Eosinophilic Focus TGLS = 5-6,5-24]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 3-23]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Pancreas	Acinus	Adenoma	
		Atrophy	Minimal
Note: ACINAR ADENOMAS ARE PRESENT ON SLIDES 7 AND 7-2.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86824

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium, Ventral	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibroma	
	Subcut Tiss	Lipoma	
Note: TGL 2-22 CONTAINS TRABECULAE OF FIBROUS TISSUE, BUT IS COMPOSED PREDOMINATELY OF ADIPOSE TISSUE.			
[Fibroma TGLS = 1-21]			
[Lipoma TGLS = 2-22]			
* Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-7]			
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 7-6,7-23]			
[Eosinophilic Focus TGLS = 7-6]			
Mesentery	Fat	Necrosis	Moderate
Note: MESENTERIC FAT NECROSIS ALSO PRESENT ON SLIDE 7 ADJACENT TO EPIDIDYMIS.			
[Necrosis TGLS = 3-21,4-22]			
* Prostate		Inflammation	Chronic, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
Note: INTERSTIT CELL ADENOMA IS LARGELY NECROTIC.			
[Adenoma TGLS = 1-7]			
[Atrophy TGLS = 2-7]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86825

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-3]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Pigmentation	Minimal
[Hemorrhage TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Preputial Gland		Carcinoma	
		Inflammation	Chronic, Mild
[Carcinoma TGLS = 1-21]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

Note: EPITHELIAL HYPERPLASIA IS PRESENT ON SLIDES 4 AND 4-1.
[Hyperplasia TGLS = 5-4-1]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86826

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86827

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone			
Note: MILD HYPEROSTOSIS OF TAIL VERTEBRAE ON SLIDE 21; NOT TABULATED.			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Moderate
Note: ALVEOLAR PROTEINOSIS IN AREA OF ALVEOLAR EPITHELIAL HYPERPLASIA; NOT TABULATED.			
[Alveolar/Bronchiolar Carcinoma TGLS = 4-22]			
[Hyperplasia TGLS = 5-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Pancreas		Atrophy	Mild
	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gl			
Note: SMALL FOCUS OF VACUOLATED CELLS IN PARS DISTALIS; NOT TABULATED.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86827

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86206

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung	Alveolar Epith	Hyperplasia	Mild
		Mesothelioma Malignant	Metastatic (Peritoneum)
[Mesothelioma Malignant TGLS = 6-2,7-22]			
* Lymph Node, Mesenteric		Mesothelioma Malignant	Metastatic (Peritoneum)
		Pigmentation	Mild
* Pancreas		Mesothelioma Malignant	Metastatic (Peritoneum)
[Mesothelioma Malignant TGLS = 4-7]			
Peritoneum		Mesothelioma Malignant	
Note: MESOTHELIOMA MAL IS ALSO PRESENT ON SLIDES 4, 6, AND 7.			
[Mesothelioma Malignant TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86206

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Peritoneum Mesothelioma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86828

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-23]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86828

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Hyperplasia	Focal, Minimal
* Epididymis		Atypia Cellular	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
* Nose		Inflammation	Chronic, Minimal
* Prostate		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86829

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86830

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Degeneration	Mild
	Ventral	Inflammation	Mild
		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86830

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin		Neural Crest Tumor	
[Neural Crest Tumor TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
Note: EPITHELIAL HYPERPLASIA IS PRESENT ON SLIDES 4 AND 24.			
[Squamous Cell Papilloma TGLS = 6-24]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 566
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Liver	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

Blood Vessel			
Note: MILD PERIARTERITIS IN BLOOD VESSEL IN PANCREAS (SLIDE 7); NOT TABULATED.			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Mild
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86831

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
[Cyst TGLS = 2-5]			
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Mild
Note: ACINAR ADENOMAS ARE PRESENT ON SLIDES 7 AND 21.			
[Adenoma TGLS = 4-21]			
* Preputial Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
[Cyst TGLS = 5-8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86831

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Squamous Cell Papilloma	Multiple
Note: EPITHELIAL HYPERPLASIA IS ALSO PRESENT ON SLIDE 4.			
[Hyperplasia TGLS = 6-22]			
[Squamous Cell Papilloma TGLS = 7-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Pancreas	Acinus	Adenoma	
[Adenoma TGLS = 3-22]			
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
Note: EPITHELIAL HYPERPLASIA IS EVIDENT PRIMARILY ON SLIDE 21.			
[Squamous Cell Papilloma TGLS = 4-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone Marrow	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 6-23]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Mild
* Skin	Pinna	Neural Crest Tumor	
[Neural Crest Tumor TGLS = 9-26]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86833

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EPITHELIAL HYPERPLASIA IS EVIDENT ON SLIDES 4 AND 24.
[Hyperplasia TGLS = 7-24]

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86834

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 4-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86834

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ACINAR CELL HYPERPLASIA IS ON SLIDE 4.			
* Prostate	Ventral	Adenoma	
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
Note: EPITHELIAL HYPERPLASIA IS PRESENT ON SLIDES 4 AND 22.			
[Squamous Cell Papilloma TGLS = 5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Liver	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Heart		Cardiomyopathy	Mild
		Inflammation	Suppurative, Mild
Note: SUBSTANCE RESEMBLING FOREIGN MATERIAL IN PERICARDIUM ON SLIDE 21; MORPHOLOGY NOT AVAILABLE ON TDMS.			
[Inflammation TGLS = 4-21]			
* Lung		Congestion	Moderate
[Congestion TGLS = 5-2]			
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IS ON SLIDE 22 AND APPEARS NORMAL.			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Nose	* Parathyroid Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Moderate
[Compression TGLS = 6-1]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 5-6]			
[Eosinophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
[Hemorrhage TGLS = 4-7]			
[Hyperplasia TGLS = 4-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86835

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Adenoma	
	Acinus	Hyperplasia	Focal, Moderate
Note: ACINAR ADENOMAS PRESENT ON SLIDES 7 AND 21.			
[Adenoma TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	Multiple
Note: SQUAMOUS CELL PAPILLOMA ALSO PRESENT ON SLIDE 4.			
Note: SQUAMOUS CELL CARCONOMA IS ON SLIDE 4. DIAGNOSIS IS MADE ON BASIS OF SQUAMOUS EPITHELIAL CORDS INFILTRATING INTO SUBMUCOSA.			
[Hyperplasia TGLS = 9-23]			
[Inflammation TGLS = 9-23]			
[Squamous Cell Papilloma TGLS = 8-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	Tooth
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 7-1]			
* Epididymis		Atypia Cellular	Mild
Harderian Gl			
Note: TGL 8 IS PORPHYRIN-LIKE PIGMENT; CONSIDERED WITHIN NORMAL PHYSIOLOGICAL LIMITS.			
* Heart		Cardiomyopathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL 2 APPEARS TO BE A DEVELOPMENTAL MALFORMATION; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-5]			
* Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA IS ON SLIDE 8 WITH REGULAR MAMMARY GLAND SECTION.			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-23]			
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86361

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic, Moderate
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 9-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

Animal Note: TGL 3 IS PANCREATIC LYMPH NODE (UNREMARKABLE).

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-21]			
* Heart		Cardiomyopathy	Moderate
		Schwannoma Malignant	
[Schwannoma Malignant TGLS = 5-22]			
* Kidney		Inflammation	Chronic, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Inflammation	Granulomatous, Mild
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	

Note: ADENOMA IS PLEOMORPHIC BUT IS NOT INVASIVE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86836

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 6-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86631

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, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Heart		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 7-5]			
[Pigmentation TGLS = 7-5]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 9-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86631

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Mild
[Leukemia Mononuclear TGLS = 6-22]			
[Necrosis TGLS = 6-22]			
* Pancreas		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 574
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Edema	Mild
		Hemorrhage	Minimal
[Edema TGLS = 2-2]			
[Hemorrhage TGLS = 2-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-21]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 574
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85773

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach	Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 99-86716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Esophagus		Hemorrhage	Moderate
[Hemorrhage TGLS = 8-24]			
Eye		Cataract	Marked
[Cataract TGLS = 1-21]			
* Heart		Cardiomyopathy	Mild
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Hemorrhage	Marked
[Hemorrhage TGLS = 7-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Pancreas		Atrophy	Mild
* Prostate	Epithelium	Hyperplasia	Moderate
* Skin		Hyperkeratosis	Marked
	Epidermis	Hyperplasia	Moderate
		Ulcer	Moderate
[Hyperkeratosis TGLS = 2-25]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 99-86716

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-25]			
[Ulcer TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 10-26,11-26]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 636
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86255

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
* Kidney	* Liver	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Prostate		Inflammation	Chronic, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Stomach, Forestomach		Erosion	Minimal
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 6-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 636
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86255

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Marked
		Hydrocephalus	Mild
[Compression TGLS = 4-1]			
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Liver			
Note: MODERATE GLYCOGEN DEPLETION IN LIVER; NOT TABULATED.			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Nose	Olfactory Epi	Atrophy	Mild
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Pigmentation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 691
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86632

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
[Accessory Adrenal Cortical Nodule TGLS = 3-22]			
* Brain		Compression	Mild
		Hydrocephalus	Mild
[Compression TGLS = 6-1]			
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Pancreas		Cyst	Moderate
	Acinus	Hyperplasia	Focal, Mild
* Parathyroid Gl			
Note: SMALL CYST IN PARATHYROID GLAND; NOT TABULATED.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86837

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
Note: LOCALIZED AREA OF BASOPHILIC, MILDLY DYSPLASTIC CELLS IN PREPUTIAL GLAND.			
* Prostate		Inflammation	Chronic, Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Cyst	Moderate
	Epithelium	Hyperplasia	Marked
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	
Note: SQUAMOUS CELL CARCINOMA APPEARS TO BE IN AN EARLY STAGE.			
Note: FORESTOMACH HYPERPLASIA IS ON SLIDES 4 AND 24.			
[Cyst TGLS = 7-24]			
[Squamous Cell Carcinoma TGLS = 7-24]			
[Squamous Cell Papilloma TGLS = 7-24]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6,8-23]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Infiltration Cellular TGLS = 7-2]			
[Leukemia Mononuclear TGLS = 7-2]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-21]			
[Leukemia Mononuclear TGLS = 5-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86838

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	Multiple
Note: SQUAMOUS CELL PAPILLOMAS ON SLIDES 4 AND 24.			
[Squamous Cell Papilloma TGLS = 9-24]			
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue		Hyperplasia	Moderate
[Hyperplasia TGLS = 6-22]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 575
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 99-85774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Congestion	Mild
		Edema	Mild
		Infiltration Cellular	Histiocyte, Minimal
Note: MINIMAL EXUDATE IN ONE BRONCHUS; NOT TABULATED.			
[Congestion TGLS = 1-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thymus		Hemorrhage	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86839

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Eosinophilic Focus	
		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-6]			
* Lung		Histiocytic Sarcoma	
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE PRESENT (SLIDE 8).			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Histiocytic Sarcoma	
Note: HISTIOCYTIC SARCOMA IS INFILTRATING SKELETAL MUSCLE ON SLIDE 22.			
[Histiocytic Sarcoma TGLS = 6-22]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Cyst	Moderate
	Epithelium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86839

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FORESTOMACH EPITHELIAL HYPERPLASIA IS PRIMARILY EVIDENT ON SLIDE 4.
[Cyst TGLS = 5-23]
[Hyperplasia TGLS = 5-23,7-24]

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 1 APPEARS TO BE NORMAL ADIPOSE TISSUE ADJACENT TO SKELETAL MUSCLE.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86840

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 2-21]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
Note: ACINAR CELL HYPERPLASIA IS ON SLIDE 4.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
Note: EPITHELIAL HYPERPLASIA IS PRESENT ON SLIDES 4 AND 22.			
[Squamous Cell Papilloma TGLS = 4-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86840

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86841

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-22]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: MILD ANGIECTASIS; NOT TABULATED.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pituitary Gland		Cyst	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Ventral	Adenoma	
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86841

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
Note: EPITHELIAL HYPERPLASIA IS ALSO PRESENT ON SLIDE 4.			
[Hyperplasia TGLS = 3-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-21]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
[Basophilic Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Mild
Note: ACINAR CELL HYPERPLASIA IS ON SLIDE 4.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
Note: EPITHELIAL HYPERPLASIA IS ALSO PRESENT ON SLIDE 4.			
[Hyperplasia TGLS = 5-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86842

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86843

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
* Kidney	* Liver	* Nose	* Parathyroid Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Moderate
		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 12-26]			
[Infiltration Cellular TGLS = 12-26]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 5-23]			
[Hyperplasia TGLS = 8-22]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild

Note: ACINAR CELL ADENOMA ALSO PRESENT ON SLIDE 7.
[Adenoma TGLS = 11-25]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86843

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Adenoma	
		Cyst	Moderate
		Inflammation	Chronic, Mild
[Adenoma TGLS = 1-8-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate
		Pigmentation	Mild
[Hyperplasia TGLS = 6-21]			
* Stomach, Forestomach	Epithelium	Cyst	Moderate
	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
Note: EPITHELIAL HYPERPLASIA IS ON SLIDES 4 AND 24.			
[Cyst TGLS = 7-24,10-24]			
[Squamous Cell Papilloma TGLS = 7-24,10-24]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7,9-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 350
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 98-83895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hydrocephalus	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1,8-1]			
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2]			
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-21]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-5]			
Skeletal Muscle		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-22]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Germinal Epith	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 350
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 98-83895

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86844

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Marked
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Cyst	Moderate
	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
Note: EPITHELIAL HYPERPLASIA IS ALSO PRESENT ON SLIDE 4.			
[Cyst TGLS = 3-22]			
[Hyperplasia TGLS = 3-22]			
[Squamous Cell Papilloma TGLS = 3-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86844

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-7]		
* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86256

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
* Kidney	* Mammary Gland	Peripheral Nerve	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Glandular	* Thymus	* Trachea

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Nose		Inflammation	Chronic, Mild
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate		Inflammation	Chronic, Moderate
[Inflammation TGLS = 6-7]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 651
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86256

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-3]		
* Urinary Bladder	Hemorrhage	Moderate
[Hemorrhage TGLS = 5-8]		

PRIMARY CAUSE OF DEATH	- Thyroid Gland C Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86845

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
Eye		Hemorrhage	Marked
		Inflammation	Chronic, Marked
[Inflammation TGLS = 5-23]			
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 4-24]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Oral Mucosa		Squamous Cell Carcinoma	
Note: THE SQUAMOUS CELL CARCINOMA IS ON SLIDE 9-1.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Intermed	Angiectasis	Moderate
[Adenoma TGLS = 7-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86845

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 7-1]			
[Angiectasis TGLS = 7-1]			
* Prostate	Epithelium, Ventral	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-25]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 496
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 98-84951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-22,5-23]			
* Kidney	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
* Lung		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery		Hemorrhage	Marked
[Hemorrhage TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
Note: PROSTATE IS ON SLIDE 8-1.			
* Spleen		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
[Pheochromocytoma Malignant TGLS = 3-24]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10]			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Glomerulosclerosis	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86846

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
[Cardiomyopathy TGLS = 3-21,5-21]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate	Epithelium, Ventral	Hyperplasia	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
Note: EPITHELIAL HYPERPLASIA IS ALSO PRESENT ON SLIDE 4.			
[Hyperplasia TGLS = 6-22]			
[Squamous Cell Papilloma TGLS = 6-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86847

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 7-2]			
Lymph Node	Deep Cervical	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-22]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Nose	Olfactory Epi	Atrophy	Moderate
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
	Acinus	Hyperplasia	Focal, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Prostate	Epithelium, Ventral	Hyperplasia	Minimal
* Skin		Ulcer	Marked

Note: UCLERATION ALSO PRESENT IN SKIN SECTION ON SLIDE 8 ADJACENT TO SALIVARY GLAND.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86717

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 2-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 8-25]			
[Squamous Cell Papilloma TGLS = 9-25]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 5-23,6-24]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Pancreas	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Leukemia Mononuclear	
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
	Centrilobular	Necrosis	Minimal
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Ectasia	Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Ectasia TGLS = 5-21]			
[Leukemia Mononuclear TGLS = 5-21]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86175

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Prostate		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-23]			
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Kidney	* Liver	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Heart			
Note: SUBSTANCE RESEMBLING FOREIGN MATERIAL (OIL) INVOLVING PERICARDIUM ON SLIDE 21; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Lung		Congestion	Mild
		Edema	Moderate
		Metaplasia	Osseous, Minimal
[Congestion TGLS = 4-2]			
[Edema TGLS = 4-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Nose		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Moderate
Note: SPLENIC RED PULP APPEARS MILDLY MILDLY HYPERCELLULAR; NOT TABULATED.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Urin Bladder			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83918

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	Tooth	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Carcinoma	Metastatic (Zymbal'S Gland)
		Infiltration Cellular	Histiocyte, Minimal
[Carcinoma TGLS = 6-2]			
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Zymbal'S Gland)
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Carcinoma TGLS = 7-22]			
[Leukemia Mononuclear TGLS = 2-7]			
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86257

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 9-4]			
[Squamous Cell Papilloma TGLS = 9-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
Zymbal's Gland		Carcinoma	
Note: THE ZYMBALS GLAND CARCINOMA IS UNDIFFERENTIATED AND HAS A MESENCHYMAL APPEARANCE.			
[Carcinoma TGLS = 8-23]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86848

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Degeneration	Fatty, Marked
		Hyperplasia	Diffuse, Moderate
[Angiectasis TGLS = 5-10]			
[Hyperplasia TGLS = 5-10]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 4-23]			
* Kidney		Inflammation	Chronic, Moderate
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
[Clear Cell Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pancreas		Atrophy	Marked
	Acinus	Hyperplasia	Focal, Moderate
Note: PANCREATIC ATROPHY IS PRESENT ON SLIDE 23.			
* Pituitary Gland	Pars Distalis	Adenoma	
Note: CELLS OF PITUITARY GLAND ADENOMA ARE ENGLARGED AND PLEOMORPHIC; NO INVASION OR METASTASIS EVIDENT.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86848

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 8-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	Multiple
[Hyperplasia TGLS = 7-24]			
[Squamous Cell Papilloma TGLS = 9-24]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 2-7]			
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Prostate	Epithelium, Ventral	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibroma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86362

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 8-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 6-4]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86849

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 3-21]			
[Hyperplasia TGLS = 3-21]			
[Pigmentation TGLS = 3-21]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium	Hyperplasia	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	

Note: EPITHELIAL HYPERPLASIA IS ON SLIDES 4 AND 22.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86849

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 4-22]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
Peripheral Nerve	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	Spinal Cord
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
Note: MILD NECROSIS ASSOCIATED WITH LEUKEMIA; NOT TABULATED.			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-1]			
* Epididymis		Atypia Cellular	Moderate
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-7]			
[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86633

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Cyst	Moderate
	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 9-4]			
* Stomach, Glandular		Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86850

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 2-7]			
* Pancreas	Acinus	Adenoma	
		Atrophy	Mild
[Adenoma TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86850

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86851

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	* Kidney	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-22]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Pancreas	Acinus	Hyperplasia	Focal, Moderate
Note: FOCAL ACINAR HYPERPLASIA IS ON SLIDE 4.			
* Preputial Gland		Inflammation	Chronic, Moderate
* Prostate	Epithelium, Ventral	Hyperplasia	Marked
* Salivary Glands		Atrophy	Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86851

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma	Multiple
[Hyperplasia TGLS = 4-23]			
[Squamous Cell Papilloma TGLS = 5-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 148
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-82127

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	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Lung		Edema	Moderate
		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Suppurative, Moderate

Note: SUPPURATIVE INFLAMMATION IS PRIMARILY ALONG PLEURA AND IN MEDIASTINUM.
[Inflammation TGLS = 1-2]

* Nose		Foreign Body	
		Inflammation	Chronic, Moderate
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Mammary Gland	* Pancreas
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Lymph Node, Mesenteric		Pigmentation	Mild
* Nose		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Squamous Cell Papilloma	Multiple
[Hyperplasia TGLS = 6-23]			
[Squamous Cell Papilloma TGLS = 4-4,5-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			
* Thymus			
Note: TGL 3-3 IS HEMORRHAGE IN MEDIASTINUM SURROUNDING THE THYMUS; NOT TABULATED.			
* Thyroid Gland	Follicular Cel	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86176

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-21]

PRIMARY CAUSE OF DEATH	- Thyroid Gland Follicular Cel Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86852

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery		Hemangiosarcoma	
	Fat	Necrosis	Marked
[Hemangiosarcoma TGLS = 1-21]			
[Necrosis TGLS = 1-21]			
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC IS IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 4-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86852

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 5-22]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86853

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Angiectasis	Moderate
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 6-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Ectasia	Marked
	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Mild
[Ectasia TGLS = 5-7]			
[Hemorrhage TGLS = 5-7]			
[Pigmentation TGLS = 5-7]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 4-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
Note: PITUITARY GLAND ADENOMA IS MARKEDLY PLEOPMORPHIC.			
[Adenoma TGLS = 8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86853

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic, Mild
* Prostate	Epithelium, Ventral	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 9-23]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-7]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
[Carcinoma TGLS = 7-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86854

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

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Epididymis		Atypia Cellular	Mild
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
[Cataract TGLS = 1-21]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Lymphoid, Moderate
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 4-23]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Preputial Gland		Inflammation	Chronic, Moderate
* Skin	Sebaceous Gl	Adenoma	
[Adenoma TGLS = 6-22]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86854

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma	Multiple
[Hyperplasia TGLS = 5-4]			
[Squamous Cell Papilloma TGLS = 5-4]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 3-7]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Epididymis		Atypia Cellular	Moderate
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Moderate
[Adenoma TGLS = 5-1]			
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86855

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-22]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Mammary Gland	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Minimal
* Bone Marrow		Leukemia Mononuclear	
* Epididymis		Atypia Cellular	Mild
* Heart		Cardiomyopathy	Moderate
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 6-21]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild

Note: FOCAL ACINAR HYPERPLASIA IS PRESENT ON SLIDES 7 AND 7-2.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86856

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 3-7]			
[Hyperplasia TGLS = 8-7-2]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 7-22]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86857

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Epididymis		Atypia Cellular	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
Lymph Node	Pancreatic	Ectasia	Marked
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Ectasia TGLS = 3-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Adenoma TGLS = 5-1]			
* Prostate	Ventral	Adenoma	
		Inflammation	Chronic, Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86857

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-4]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Mild
* Epididymis		Atypia Cellular	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 3-21]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Lymph Node	* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Kidney	Transit Epithe	Hyperplasia	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-23]			
* Pituitary Gland	Pars Intermed	Cyst	Moderate
* Prostate	Epithelium	Hyperplasia	Minimal
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 1-21]			
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 5-22]			
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86859

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 9-24]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 6-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
[Pigmentation TGLS = 2-5]			
* Liver		Angiectasis	Moderate
	Hepatocyte	Cytomegaly	Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
[Cytomegaly TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 554
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85775

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Cyst	Moderate
Note: AGGREGATE OF HEMOSIDERIN-CONTAINING MACROPHAGES IN PARS DISTALIS; NOT TABULATED.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Leukemia Mononuclear TGLS = 1-6]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Esophagus	* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Cyst	Moderate
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Moderate
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hyperplasia TGLS = 2-7]			
[Hyperplasia TGLS = 4-3]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86870

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Brain		Compression	Mild
[Compression TGLS = 7-1]			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
Note: MODERATELY HYPERPLASTIC MEDIASTINAL LYMPH NODE ON SLIDE 3; NOT TABULATED SINCE IT WAS NOT DOCUMENTED AS A GROSS LESION.			
* Lymph Node, Mandibular		Ectasia	Moderate
		Hyperplasia	Lymphoid, Moderate
Note: MILD SUPPURATIVE INFLAMMATION; NOT TABULATED.			
[Ectasia TGLS = 3-8]			
[Hyperplasia TGLS = 3-8]			
* Lymph Node, Mesenteric		Pigmentation	Mild
[Pigmentation TGLS = 5-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86718

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic, Mild
Oral Mucosa		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 7-22]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Clitoral Gland	Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland	Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Focal, Moderate
* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA HAS AREAS WITH INCREASED GLANDULAR BASOPHILIA AND ANAPLASIA; MAY REPRESENT EARLY CARCINOMATOUS TRANSFORMATION.			
[Fibroadenoma TGLS = 2-21]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86871

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Polyp Stromal
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* 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	

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Carcinoma	
Note: CARCINOMA APPEARS TO BE IN EARLY STAGE; CONTAINS MESENCHYMAL-LIKE COMPONENT.			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hypertrophy	Focal, Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Moderate
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86873

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7,5-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Moderate
[Compression TGLS = 7-1]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-24]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Moderate
	Deep Cervical	Pigmentation	Moderate
[Hemorrhage TGLS = 6-25]			
[Pigmentation TGLS = 6-25]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
[Hemorrhage TGLS = 4-5]			
[Pigmentation TGLS = 4-5]			
* Mammary Gland		Hyperplasia	Lobular, Moderate
[Hyperplasia TGLS = 1-21 ; 2-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86363

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
Note: TGL 2-2 IS A FOCUS OF PANCREATIC METAPLASIA INCLUDING ACINAR CELLS, DUCTS AND ISLET TISSUE; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86876

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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Cyst	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 6-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hydrometra	Moderate
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86876

ORGAN AND ACCOUNTABLE SITE STATUS

Note: STROMAL POLYP IS NECROTIC.
[Hydrometra TGLS = 4-7]
[Polyp Stromal TGLS = 5-22]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 445
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* 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			

OBSERVATIONS

* Liver		Basophilic Focus	
* Lym Node Mand			
Note: SMALL AMOUNT OF MANDIBULAR NODE PRESENT.			
Lymph Node	Pancreatic	Pigmentation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Urin Bladder			
Note: APPARENT INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-22,2-21]			

PRIMARY CAUSE OF DEATH - Uterus Polyp Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86877

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	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86634

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
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
Peripheral Nerve	* Salivary Glands	Skeletal Muscle	* Skin
Spinal Cord	* Stomach, Glandular	* Trachea	* Urinary Bladder
Vagina			

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Marked
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Mild
		Leukemia Mononuclear	
[Compression TGLS = 9-1]			
* Kidney		Leukemia Mononuclear	
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 8-5]			
[Pigmentation TGLS = 8-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86634

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stom Gland			
Note: FOCUS OF MILDLY DILATED GLANDS IN GLANDULAR MUCOSA; NOT TABULATED.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Ulcer	Marked
Note: FORESTOMACH ULCER IS PRESENT ON SLIDES 4 AND 23.			
[Ulcer TGLS = 11-23]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 6-22]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Kidney	* Lung	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mandibular		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-6]			
[Clear Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Marked
		Hydrocephalus	Mild
[Compression TGLS = 7-1]			
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Moderate
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild

Note: MIXED CELL INFILTRATE CONSISTS OF AGGREGATES OF MACROPHAGES CONTAINING PALE BROWN VACUOLATED, STIPPLED MATERIAL WITH SMALLER NUMBERS OF LYMPHOCYTES.

[Leukemia Mononuclear TGLS = 5-6]

* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
[Pigmentation TGLS = 6-5]			
* Mammary Gland		Adenoma	
		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Marked
[Adenoma TGLS = 2-21]			
[Carcinoma TGLS = 3-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86719

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 4-23]			
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Moderate
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma;Mammary Gland Fibroadenoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
Lymph Node	Pancreatic	Pigmentation	Minimal
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mandibular		Ectasia	Mild
		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
Note: MAMMARY GLAND HYPERPLASIA ALSO PRESENT ON SLIDE 21.			
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 6-1]			
[Hyperplasia TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86881

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-3]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
Note: MAMMARY HYPERPLASIA IS MOST SEVERE ON SLIDE 22.			
[Fibroadenoma TGLS = 1-21,2-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86882

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
* Clitoral Gland		Hyperplasia	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 5-6]			
[Eosinophilic Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86883

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1]		
* Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Mild
Tongue	Hyperplasia	Marked
[Hyperplasia TGLS = 7-24]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6,6-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 7-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86884

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86885

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
* Kidney	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21,2-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
[Hyperplasia TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
* Thymus			
Note: CYST IN THYMUS; NOT TABULATED.			
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86885

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Necrosis	Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-21,3-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-23]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
* Pancreas		Atrophy	Moderate
* Parathyroid Gl			
Note: PARATHYROID GLAND IS PRESENT ON SLIDE 3.1.			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

INSUFFICIENT TISSUE

* Skin

OBSERVATIONS

* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Moderate
Note: MODERATE ECTASIA IN MESENTERIC LYMPH NODE; NOT TABULATED.			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
[Angiectasis TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Degeneration	Fatty, Moderate
		Hyperplasia	Diffuse, Moderate
[Angiectasis TGLS = 8-10]			
[Hyperplasia TGLS = 8-10]			
* Brain		Compression	Mild
[Compression TGLS = 4-1]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 9-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
Note: MAMMARY GLAND HYPERPLASIA IS MOST MARKED ON SLIDE 21.			
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 1-21,3-8]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86217

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 285
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-83133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Liver	* Lung	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver			
Note: DIFFUSE GLYCOGEN DEPLETION; NOT TABULATED.			
* Lung			
Note: FOCAL AREA OF APPARENT EMPHYSEMA IN LUNG; CONSIDERED POSSIBLE ARTIFACT AND NOT TABULATED.			
* Lymph Node, Mandibular		Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Hemorrhage TGLS = 1-5]			
[Pigmentation TGLS = 1-5]			
* Stomach, Forestomach		Edema	Moderate
		Erosion	Mild
	Epithelium	Hyperplasia	Moderate
Tooth		Odontogenic Tumor	

PRIMARY CAUSE OF DEATH - Tooth Odontogenic Tumor

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 6-6]			
[Eosinophilic Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Marked
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,3-22]			
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Marked
[Cyst TGLS = 5-7]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Kidney
* Nose	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Salivary Glands	* Skin	Spinal Cord	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hyperplasia TGLS = 4-7]			
[Hyperplasia TGLS = 7-3]			
[Pigmentation TGLS = 4-7]			
[Pigmentation TGLS = 7-3]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86889

ORGAN AND ACCOUNTABLE SITE STATUS

[Hemorrhage TGLS = 6-5]			
[Pigmentation TGLS = 6-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 2-6]			
[Eosinophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 3-3-1]			
[Pigmentation TGLS = 3-3-1]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Minimal
		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86890

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86891

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
* Kidney	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Adenoma	
		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Adenoma TGLS = 3-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
Note: MEDIASTINAL (SLIDE 3) AND PANCREATIC (SLIDE 7) LYMPH NODES MODERATELY HYPERPLASTIC; NOT TABULATED.			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86891

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-22]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Kidney	* Lung	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Marked
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
[Eosinophilic Focus TGLS = 5-6]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-21,3-22]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86892

ORGAN AND ACCOUNTABLE SITE STATUS

[Angiectasis TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Mild
* Bone	Femur	Osteopetrosis	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hyperplasia TGLS = 3-7]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Lobular, Mild
		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Cyst	Moderate
Note: LYMPHOID INFILTRATE AROUND PANCREATIC CYST; NOT TABULATED.			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86893

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Degeneration	Fatty, Marked
		Hypertrophy	Focal, Moderate
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86894

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-1]		
* Spleen	Pigmentation	Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 6-6]			
[Eosinophilic Focus TGLS = 6-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-22]			
[Mixed Cell Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86895

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-7]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
Note: FOCAL ACINAR HYPERPLASIA IS ON SLIDE 4.			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	Bilateral, C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86896

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

Lymph Node	* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 511
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-85138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Astrocytoma Malignant	
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
[Basophilic Focus TGLS = 3-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA ALSO PRESENT ON SLIDE 8.			
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
Spinal Cord		Astrocytoma Malignant	Metastatic (Brain)
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Brain	* Clitoral Gland
* Esophagus	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone	Femur	Osteopetrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Mild
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Large, Rectum		Leukemia Mononuclear	
* Islets, Pancreatic		Adenoma	
Note: ISLET ADENOMA IS ON SLIDE 4.			
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Multifocal, Moderate
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 727
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86720

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
* Nose		Inflammation	Chronic, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6,3-22]			
* Stomach, Glandular		Edema	Mild
		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Kidney
* Nose	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-24]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Mixed Cell, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6,7-25]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Infiltration Cellular TGLS = 10-2-1,11-2-2,12-2-3]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-26]			
[Leukemia Mononuclear TGLS = 8-3-1]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Marked
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	

Note: LEUKEMIA MONUC IS EVIDENT ON SLIDE 26.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86898

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-22,3-23]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 9-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Angiectasis	Moderate
* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 9-8]			
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
[Cataract TGLS = 1-21]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 8-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86899

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Carcinoma	
[Carcinoma TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 664
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Marked
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 6-1]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 3-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss	Fibroma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 664
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86364

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hyperplasia TGLS = 2-7]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86900

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Moderate
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 0 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Diffuse, Moderate
[Hyperplasia TGLS = 7-10]			
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-22]			
* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Basophilic Focus TGLS = 6-6]			
[Vacuolization Cytoplasmic TGLS = 6-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Congestion TGLS = 8-2]			
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 0 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86635

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 4-23]			
[Hyperplasia TGLS = 10-3]			
[Hyperplasia TGLS = 4-23]			
[Pigmentation TGLS = 4-23]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
[Hyperplasia TGLS = 9-5]			
[Pigmentation TGLS = 9-5]			
* Mammary Gland		Carcinoma	
		Hyperplasia	Marked
[Carcinoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-24]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 13-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 11-3]			

PRIMARY CAUSE OF DEATH	- Mammary Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma;Pituitary Gland Pars Distalis Adenoma;Thyroid Gland Follicular Cel Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86903

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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 5-3]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
		Hydrocephalus	Moderate
[Compression TGLS = 7-1]			
* Liver		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Mild
[Hepatodiaphragmatic Nodule TGLS = 5-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Minimal
Note: MODERATE HISTIOCYTIC CELL INFILTRATE IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hemorrhage TGLS = 3-7]			
[Pigmentation TGLS = 6-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Pigmentation TGLS = 4-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
Note: CYSTIC HYPERPLASIA IS MOST SEVERE ON SLIDE 21 IN ASSOCIATION WITH FIBROADENOMA.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: 0 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85776

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Spleen		Pigmentation	Moderate
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Esophagus	* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
		Hydrocephalus	Mild
[Compression TGLS = 5-1]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Adenoma	
		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86904

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
Note: PITUITARY GLAND TUMOR IS MARKEDLY PLEOMORPHIC.			
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Degeneration	Fatty, Mild
	Hypertrophy	Focal, Mild
* Clitoral Gland	Cyst	Moderate
[Cyst TGLS = 2-8]		
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Eosinophilic Focus	
Note: SOME BASOPHILIC FOCI APPEAR TO BE WITHIN LARGER EOSINOPHILIC FOCI.		
[Basophilic Focus TGLS = 4-6]		
[Clear Cell Focus TGLS = 4-6]		
[Eosinophilic Focus TGLS = 4-6]		
* Lung	Infiltration Cellular	Histiocyte, Mild
	Metaplasia	Osseous, Minimal
* Lymph Node, Mesenteric	Pigmentation	Mild
* Mammary Gland	Fibroadenoma	
	Hyperplasia	Mild
[Fibroadenoma TGLS = 3-21]		
[Hyperplasia TGLS = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Mild
Note: CLEAR CELL FOCUS IS ON SLIDE 21.			
[Hepatodiaphragmatic Nodule TGLS = 4-21]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
Note: MARKED HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 0 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86906

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86979

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	Vagina

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
	Myocardium	Necrosis	Moderate
Note: EXTENSIVE CHRONIC INFLAMMATORY REACTION TO MYOCARDIAL NECROSIS; NOT TABULATED.			
[Necrosis TGLS = 9-5]			
* Intestine Large, Cecum		Edema	Moderate
		Inflammation	Chronic Active, Moderate
[Edema TGLS = 7-4]			
[Inflammation TGLS = 7-4]			
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Necrosis	Marked
[Necrosis TGLS = 5-21]			
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86636

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 8-3]			
[Leukemia Mononuclear TGLS = 4-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
		Leukemia Mononuclear	
* Salivary Glands		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 22.5 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Brain		Compression	Moderate
[Compression TGLS = 3-1]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lung		Edema	Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Nose		Inflammation	Chronic, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86980

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Thymus

OBSERVATIONS

* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 6-23]			
* Bone Marrow		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-22]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA ALSO PRESENT ON SLIDE 8.			
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Salivary Glands		Necrosis	Marked
Note: EXTENSIVE NECROSIS ASSOCIATED WITH TUMOR METASTASIS IN SALIVARY GLAND.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86980

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 3-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 347
	DOSE: 22.5 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 98-83891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain	Oligodendroglioma Malignant	
[Oligodendroglioma Malignant TGLS = 4-1]		
* Liver	Basophilic Focus	
* Lung	Congestion	Moderate
	Edema	Moderate
[Congestion TGLS = 3-2]		
[Edema TGLS = 3-2]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Moderate
* Spleen	Pigmentation	Moderate
* Urin Bladder		
Note: INFUSION ARTIFACT IN URINARY BLADDER.		

PRIMARY CAUSE OF DEATH - Brain Oligodendroglioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86981

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Mild
[Compression TGLS = 4-1]			
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86982

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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Adrenal Medulla	* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Adenoma	
* Clitoral Gland		Adenoma	
		Cyst	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 3-22]			
[Hyperplasia TGLS = 1-8,2-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86982

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86983

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-22]			
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
Note: SMALL ADENOMA IN PARS DISTALIS ENCROACHING ON PARS NERVOSA.			
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86983

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TRANSITIONAL CELL HYPERPLASIA IS PRESENT ON SLIDES 8 AND 23.
[Hyperplasia TGLS = 3-23]
[Papilloma TGLS = 3-23]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-21]			
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Moderate
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86721

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Moderate
* Nose		Inflammation	Chronic, Moderate
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 4-1]			
[Hyperplasia TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
[Hematopoietic Cell Proliferation TGLS = 1-6]			
[Leukemia Mononuclear TGLS = 1-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86984

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Moderate
[Hemorrhage TGLS = 5-23]			
[Hyperplasia TGLS = 5-23]			
[Pigmentation TGLS = 5-23]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8,2-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86984

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86985

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Esophagus	* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Ovary		Thecoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86985

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86986

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
* Bone Marrow		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-23]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86986

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Hydrometra	Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86987

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lung
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Clear Cell Focus TGLS = 2-6]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 3-1]			
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86988

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Skin

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Marked
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 7-6]			
[Eosinophilic Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
[Hyperplasia TGLS = 8-3]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Carcinoma	
		Hyperplasia	Marked
[Carcinoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8,3-22]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-23]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86988

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 9-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
		Polyp Stromal	
[Hydrometra TGLS = 5-7]			
[Polyp Stromal TGLS = 6-24]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86989

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Clitoral Gland		Adenoma	
		Inflammation	Chronic, Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86989

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86990

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* 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	* Kidney	* Lung	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			
MISSING			
* Lymph Node, Mandibular	* Parathyroid Gland		
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86722

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
* Lung	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	Vagina	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hypertrophy	Focal, Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Marked
		Hydrocephalus	Mild
[Compression TGLS = 4-1]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Eosinophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: UNIDENTIFIED EMBOLUS WITHIN LUMEN OF HEPATIC VEIN.			
[Eosinophilic Focus TGLS = 7-6]			
[Vacuolization Cytoplasmic TGLS = 7-6]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
[Pigmentation TGLS = 6-5]			
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86722

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-21]			
[Fibroadenoma TGLS = 11-23]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 10-22]			
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
Note: PITUITARY GLAND ADENOMA IS MODERATELY PLEOMORPHIC.			
[Adenoma TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Moderate
* Stomach, Forestomach		Edema	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 8-7]			
Vagina			
Note: VACUOLATED MUCOSAL EPITHELIAL CELLS WITH LEUKOCYTES IN MUCOSA AND VAGINAL LUMEN, CHARACTERISTIC OF PROESTRUS.			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 629
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
		Hydrocephalus	Moderate
[Compression TGLS = 2-1]			
* Clitoral Gland		Cyst	Moderate
		Inflammation	Chronic, Mild
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Mild
[Pigmentation TGLS = 1-3]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked
* Pancreas		Atrophy	Mild
	Acinus	Cytoplasmic Alteration	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86991

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Carcinoma	
Note: THE CARCINOMA APPEARS TO BE IN A VERY EARLY STAGE.			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
	Deep Cervical	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Deep Cervical	Pigmentation	Moderate
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild
[Carcinoma TGLS = 5-22]			
[Hemorrhage TGLS = 5-22]			
[Hyperplasia TGLS = 4-3]			
[Pigmentation TGLS = 4-3]			
[Pigmentation TGLS = 5-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86991

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
Note: THE LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 3-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86992

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* 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	* Salivary Glands	* Skin
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Stomach, Forestomach	* Stomach, Glandular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Mild
[Compression TGLS = 5-1]			
* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86992

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86993

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain		Compression	Mild
[Compression TGLS = 7-1]			
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 5-6]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Moderate
[Hyperplasia TGLS = 8-3]			
[Pigmentation TGLS = 8-3]			
* Lymph Node, Mandibular		Ectasia	Moderate
[Ectasia TGLS = 3-8]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21,2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86993

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86994

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
[Basophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 3-8,4-23]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 6-1]			
* Spleen		Pigmentation	Mild
* Uterus		Hydrometra	Moderate
		Polyp Stromal	
[Hydrometra TGLS = 7-7]			
[Polyp Stromal TGLS = 8-24]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86994

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86995

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-3]			
[Leukemia Mononuclear TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 1-21]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86995

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Glandular		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hydrometra	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86996

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Mild
* Bone Marrow		Infiltration Cellular	Histiocyte, Marked
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinus	Hyperplasia	Focal, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87108

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	* Kidney	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
Note: BASOPHILIC FOCUS IS PRESENT ON SLIDES 6 AND 25.			
[Basophilic Focus TGLS = 8-25]			
[Hepatodiaphragmatic Nodule TGLS = 4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Mild
[Pigmentation TGLS = 6-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 9-8]			
* Ovary		Cyst	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87108

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 5-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	
Note: SQUAMOUS CELL PAPILLOMA IS AT THE LIMITING RIDGE (JUNCTION OF FORESTOMACH AND GLANDULAR STOMACH).			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 664
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose	* Pancreas
* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
Skeletal Muscle	* Skin	Spinal Cord	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Carcinoma	
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
[Hyperplasia TGLS = 4-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 5-22]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86997

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Kidney	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Mild
		Hydrocephalus	Mild
[Compression TGLS = 4-1]			
[Hydrocephalus TGLS = 4-1]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Moderate
	Kupffer Cell	Pigmentation	Mild
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86997

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86998

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Moderate
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hemorrhage TGLS = 5-7]			
[Hyperplasia TGLS = 5-7]			
[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
[Hemorrhage TGLS = 8-5]			
[Pigmentation TGLS = 8-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21,3-22]			
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86998

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Chronic, Minimal
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 6-6]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-23]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86999

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 4-1]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Mild
[Basophilic Focus TGLS = 2-6]			
[Leukemia Mononuclear TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86999

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Mild
		Hydrocephalus	Mild
[Compression TGLS = 5-1-1]			
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
Vagina		Sarcoma	
[Sarcoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86177

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Vagina Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87000

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
* Kidney	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 3-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Mammary Gland		Carcinoma	
		Hyperplasia	Moderate
[Carcinoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-22]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87000

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Mild
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 6-6]			
[Mixed Cell Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
Note: EXTENSIVE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hemorrhage TGLS = 5-7]			
[Hyperplasia TGLS = 5-7]			
[Hyperplasia TGLS = 7-3]			
[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21,3-22]			
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87001

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 8-23]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Mild
[Compression TGLS = 10-1]			
* Clitoral Gland		Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Cyst	Moderate
[Cyst TGLS = 3-5]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
[Basophilic Focus TGLS = 7-6]			
[Eosinophilic Focus TGLS = 7-6,9-22]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 5-7]			
[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87002

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Marked
Note: FIBROADENOMA IS PRESENT ON SLIDE 8.			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-21]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Mild
[Atrophy TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-1]			
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
* Uterus		Hydrometra	Mild
		Polyp Stromal	
[Polyp Stromal TGLS = 2-7-1]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 7-1]			
* Clitoral Gland		Cyst	Moderate
		Inflammation	Chronic, Moderate
[Cyst TGLS = 1-8]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87003

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	Follicle	Cyst	Moderate
	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Esophagus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Angiectasis	Moderate
* Kidney		Inflammation	Chronic, Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 2-21]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hyperplasia TGLS = 1-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87004

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 1-7]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Brain		Compression	Marked
		Hydrocephalus	Moderate
[Compression TGLS = 6-1]			
[Hydrocephalus TGLS = 6-1]			
* Clitoral Gland		Inflammation	Chronic, Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: EXTENSIVE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Pigmentation TGLS = 2-7]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87005

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 4-21]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86723

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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
		Mixed Cell Focus	
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 3-22]			
* Lymph Node, Mandibular		Pigmentation	Mild
[Pigmentation TGLS = 1-8]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 4-23]			
* Spleen		Pigmentation	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86723

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Polyp Stromal
Note: STROMAL POLYP IS NECROTIC AND HEMORRHAGIC.	
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA HAS ATYPICAL MORPHOLOGY; APPEARS TO BE ENCROACHING ON PARS INTERMEDIA AND PARS NERVOSA.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 3-3]			
[Hyperplasia TGLS = 3-3]			
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 3-3]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87007

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hyperplasia TGLS = 3-3]			
[Pigmentation TGLS = 3-3]			
[Pigmentation TGLS = 4-7]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 6-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87008

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate

Note: MODERATE CYTOPLASMIC VACUOLIZATION OF PITUITARY CELLS IN AREA OF ANGIECTASIS; NOT TABULATED.
[Angiectasis TGLS = 3-1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 22.5 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Mild
		Hydrocephalus	Mild
[Compression TGLS = 5-1]			
[Hydrocephalus TGLS = 5-1]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87010

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 2-7]			
[Leukemia Mononuclear TGLS = 4-3]			
[Pigmentation TGLS = 2-7]			
[Pigmentation TGLS = 4-3]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8,7-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Esophagus			
Note: TGL 5-22 IS AN ESOPHAGEAL DIVERTICULUM; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 3-6]			
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Foreign Body	
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Granulomatous, Mild
[Foreign Body TGLS = 6-2]			
[Inflammation TGLS = 6-2]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
Note: FIBROADENOMA HAS LOCALIZED AREA WITH INCREASED GLANDULAR ANAPLASIA.			
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87011

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-1]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Mixed Cell Focus TGLS = 2-6,4-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Minimal
[Fibroadenoma TGLS = 3-22]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Thyroid Gland		Ultimobranchial Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Intestine Small, Duodenum

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hyperplasia TGLS = 3-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
[Hyperplasia TGLS = 4-5]			
[Pigmentation TGLS = 4-5]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87013

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Parathyroid Gl			
Note: PARATHYROID GLAND PRESENT ON SLIDE 3.1.			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87014

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
* Kidney	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Moderate
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 4-22]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLS = 1-21]			
* Pancreas		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87014

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Mild
		Hypertrophy	Focal, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 4-22]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 6-23]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Mild
[Pigmentation TGLS = 3-24]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 22.5 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-87015

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Angiectasis TGLS = 7-1]			
[Hyperplasia TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 346
	DOSE: 22.5 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver	Basophilic Focus	
* Lung	Congestion	Mild
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
	Pigmentation	Mild
* Spleen	Pigmentation	Mild
* Uterus	Hydrometra	Marked
	Polyp Stromal	
[Hydrometra TGLS = 2-7]		
[Polyp Stromal TGLS = 3-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 2-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86938

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
Note: PITUITARY CARCINOMA APPEARS TO BE INFILTRATING THE HYPOTHALAMUS.			
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Intestine Small, Duodenum		Leiomyoma	
[Leiomyoma TGLS = 5-22]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
Note: BASOPHILIC FOCI ARE ALSO PRESENT ON SLIDE 6.			
[Basophilic Focus TGLS = 7-25,8-26]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 3-21]			
[Hyperplasia TGLS = 2-8]			
* Pancreas		Atrophy	Minimal
	Acinus	Hyperplasia	Focal, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86939

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	Pinna	Neural Crest Tumor	
[Neural Crest Tumor TGLS = 1-23]			
* Uterus		Inflammation	Chronic, Minimal
Note: UTERINE CHRONIC INFLAMMATION IS ON SLIDE 24.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6,6-6]			
[Mixed Cell Focus TGLS = 5-6,6-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 3-2]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC NODE; NOT TABULATED.			
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 2-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
		Inflammation	Chronic, Minimal
Note: MINIMAL SQUAMOUS METAPLASIA OF RESPIRATORY EPITHELIUM; NOT TABULATED.			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86940

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 8-2]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
Note: UTERINE STROMAL POLYP IS HEMORRHAGIC AND NECROTIC.			
[Polyp Stromal TGLS = 6-24]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86941

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Focal, Moderate
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Brain		Compression	Moderate
[Compression TGLS = 3-1]			
Eye		Cataract	Marked
	Retina	Degeneration	Marked
[Cataract TGLS = 1-21]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 2-22]			
* Lung		Congestion	Moderate
		Edema	Mild
		Infiltration Cellular	Histiocyte, Moderate
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Intermed	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Pigmentation	Moderate
* Uterus		Hydrometra	Mild
		Polyp Stromal	
[Polyp Stromal TGLS = 5-23]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Intermed Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85777

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Nose	* Pancreas	* Parathyroid Gland
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Intestine Small, Ileum	* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Salivary Glands		Atrophy	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86943

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86944

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
* Kidney	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 2-8]			
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 4-1]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach		Squamous Cell Papilloma	Multiple
[Squamous Cell Papilloma TGLS = 5-21]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 3-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 5-1]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-23]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86945

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86946

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
* Kidney	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 9-8]			
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 3-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-23]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86946

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Hydrometra	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86947

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-21]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 6-23]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hyperplasia TGLS = 4-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86947

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: DUODENUM AND COLON ARE SWITCHED ON SLIDES 3 AND 4.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 483
	DOSE: 45 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-84952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
* Lung		Congestion	Mild
		Edema	Moderate
[Congestion TGLS = 2-2]			
[Edema TGLS = 2-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Mild
Note: HEMORRHAGE AND CONGESTION SURROUNDING THE AREA OF MESENTERIC FAT NECROSIS.			
[Necrosis TGLS = 1-21]			
* Nose			
Note: DESQUAMATION AND DISTORTION OF NASAL MUCOSA, APPARENTLY RESULTING FROM DOSING ACCIDENT.			
* Spleen		Pigmentation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urin Bladder			
Note: APPARENT INFUSION ARTIFACT IN URINARY BLADDER.			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Kidney	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
		Leukemia Mononuclear	
* Liver		Infiltration Cellular	Mixed Cell, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 10-3]			
[Pigmentation TGLS = 10-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86948

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Mild
[Carcinoma TGLS = 7-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lung	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-22]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 6-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-24]			
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC NODE.			
[Hemorrhage TGLS = 4-7]			
[Hyperplasia TGLS = 4-7]			
[Pigmentation TGLS = 4-7]			
* Lymph Node, Mandibular		Ectasia	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-23]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86949

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ATROPHY INVOLVES THE SUBMANDIBULAR GLAND.

* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lung	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-8]			
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
[Cataract TGLS = 1-21]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 5-6]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
[Pigmentation TGLS = 6-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 4-22]			
[Hyperplasia TGLS = 2-8]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86950

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Mild
[Compression TGLS = 5-1]			
* Clitoral Gland		Inflammation	Chronic, Moderate
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
[Basophilic Focus TGLS = 5-6]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 7-24]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hyperplasia TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: FIBROADENOMA IS ALSO PRESENT ON SLIDE 8.			
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-22,4-23]			
* Pancreas		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86952

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 476
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
Note: MILD ECTASIA IN MEDIASTINAL LYMPH NODE; NOT TABULATED.			
[Hyperplasia TGLS = 2-3]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-21]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-22]			
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hemorrhage TGLS = 3-7]			
[Hyperplasia TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86953

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

Note: SMALL FOCUS OF CHRONIC INFLAMMATION IN SUBMUCOSA; NOT TABULATED.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-2]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86954

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: COLON AND JEJUNUM ARE SWITCHED ON SLIDES 3 AND 4.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Mild
[Compression TGLS = 7-1]			
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 8-24]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-23]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21,2-22]			
[Hyperplasia TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86955

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Brain		Compression	Moderate
[Compression TGLS = 8-1]			
* Liver		Basophilic Focus	
	Hepatocyte	Necrosis	Minimal
Note: TGL 6-24 IS A FOCAL AREA OF TENSION LIPIDOSIS; NOT TABULATED.			
[Basophilic Focus TGLS = 5-6]			
* Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: PROMINENT HISTIOCYTIC COMPONENT IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hemorrhage TGLS = 4-23]			
[Pigmentation TGLS = 4-23]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 659
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86366

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-1]		
* Skin	Basal Cell Adenoma	
	Fibrous Histiocytoma	
Note: BASAL CEL ADEN IS ON SLIDE 8.		
[Fibrous Histiocytoma TGLS = 3-22]		
* Spleen	Pigmentation	Moderate

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Skin Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Focal, Moderate
		Hypertrophy	Focal, Moderate
* Bone Marrow		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Clear Cell Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86956

ORGAN AND ACCOUNTABLE SITE STATUS

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 4-21]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Parathyroid Gland	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
[Leukemia Mononuclear TGLS = 4-5]			
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 3-6]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-21]			
* Ovary		Cyst	Moderate
* Pancreas		Atrophy	Moderate
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86637

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Marked
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Mild
[Hemorrhage TGLS = 3-3]			
[Hyperplasia TGLS = 3-3]			
[Pigmentation TGLS = 3-3]			
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-22]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86957

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Squamous Cell Papilloma	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 7-6]			
[Mixed Cell Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hyperplasia TGLS = 6-7]			
[Pigmentation TGLS = 6-7]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21,2-22,3-23]			
[Hyperplasia TGLS = 9-8]			
* Pancreas		Atrophy	Mild
[Atrophy TGLS = 5-7]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86958

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 8-1]			
[Hyperplasia TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86959

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Lung	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 4-6]			
[Leukemia Mononuclear TGLS = 4-6]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 3-3]			
[Pigmentation TGLS = 3-3]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Skin	Subcut Tiss	Schwannoma Malignant	
Note: REGULAR SKIN SECTION (SLIDE 8) HAS INSUFFICIENT EPIDERMIS; SCHWANNOMA HAS ANTONI TYPE B PATTERN OF MORPHOLOGY.			
[Schwannoma Malignant TGLS = 5-22]			
* Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86959

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86960

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Intestine Large, Colon

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 4-6]			
[Eosinophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Angiectasis	Mild
[Adenoma TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86960

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 6-23]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86961

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86961

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
* Uterus		Polyp Stromal
[Polyp Stromal TGLS = 5-7]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86962

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
		Degeneration	Fatty, Marked
		Hyperplasia	Diffuse, Marked
Note: PARTIALLY ORGANIZED PROTEINACEOUS MATERIAL IN INTERSTITIUM OF ADRENAL CORTEX.			
[Angiectasis TGLS = 4-10]			
[Hyperplasia TGLS = 4-10]			
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Eosinophilic Focus TGLS = 5-6]			
[Mixed Cell Focus TGLS = 5-6]			
* Lym Node Mand			
Note: MANDIBULAR LYMPH NODE IS PRESENT (SLIDE 8).			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86962

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Skin		Neural Crest Tumor	
[Neural Crest Tumor TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 8-23]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86963

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 4-1]			
* Clitoral Gland		Inflammation	Chronic, Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Minimal
[Hyperplasia TGLS = 3-3]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86963

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86964

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney	Transit Epithe	Hyperplasia	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 4-6]			
[Clear Cell Focus TGLS = 4-6]			
[Hepatodiaphragmatic Nodule TGLS = 3-22]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hemorrhage TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 2-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86964

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
* Lung		Edema	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2]			
Lymph Node	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 3-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 45 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-85322

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86965

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Salivary Glands		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Hydrometra	Mild
[Hydrometra TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86966

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-6]			
[Clear Cell Focus TGLS = 3-6]			
[Eosinophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21,2-22]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pancreas			
Note: SINGLE BASOPHILIC FOCUS INVOLVING ACINAR CELLS; NOT TABULATED.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-4]			
* Thyroid Gland	C Cell	Adenoma	
	Follicle	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86966

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86967

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-21]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 8-6]			
[Eosinophilic Focus TGLS = 8-6]			
[Hepatodiaphragmatic Nodule TGLS = 7-24]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Moderate
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 5-7]			
[Hyperplasia TGLS = 5-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86967

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 9-3]			
[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-22]			
[Hyperplasia TGLS = 3-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-23]			
* Ovary		Cyst	Marked
[Cyst TGLS = 6-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86968

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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Hemorrhage	Moderate
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Pigmentation	Marked
[Hemorrhage TGLS = 3-3]			
[Hyperplasia TGLS = 3-3]			
[Pigmentation TGLS = 3-3]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Cyst	Moderate
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus		Hydrometra	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86968

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86969

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
* Kidney	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Moderate
* Clitoral Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 6-3]			
[Hyperplasia TGLS = 4-7]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86969

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 3-7]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
		Hydrocephalus	Moderate
[Compression TGLS = 4-1-1]			
* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 2-21]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86178

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86970

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Focal, Minimal
* Heart		Cardiomyopathy	Mild
* Islets, Pancreatic		Adenoma	
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Moderate
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21,3-22,4-23]			
[Hyperplasia TGLS = 1-8]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild
* Salivary Glands		Atrophy	Moderate
Note: ATROPHY INVOLVES PRIMARILY SUBMANDIBULAR AND TO LESS EXTENT PAROTID GLAND.			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86970

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86971

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
* Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Liver		Basophilic Focus	
Note: MILD HEMATOPOIETIC CELL PROLIFERATION; NOT TABULATED.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: PANCREATIC LYMPH NODE ALSO CONTAINS MODERATE HISTIOCYTIC HYPERPLASIA; NOT TABULATED.			
[Hemorrhage TGLS = 6-3]			
[Hyperplasia TGLS = 4-22]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-5]			
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 8-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 7-1]			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85323

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 3-6]		

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86972

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 5-6]			
[Clear Cell Focus TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-21]			
* Ovary			
Note: ONE OVARY APPEARS TO BE DEVOID OF CORPORA LUTEA (TGL 6); NOT TABULATED.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86972

ORGAN AND ACCOUNTABLE SITE STATUS

Tongue [Squamous Cell Papilloma TGLS = 2-22]	Squamous Cell Papilloma

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86973

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

Eye		Cataract	Moderate
	Retina	Degeneration	Marked
[Cataract TGLS = 1-21]			
* Liver		Angiectasis	Mild
		Basophilic Focus	
[Angiectasis TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
Note: MILD ANGIECTASIS PRESENT IN MESENTERY ON SLIDE 22; NOT TABULATED.			
[Necrosis TGLS = 4-22]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86973

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86974

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Basophilic Focus TGLS = 1-6]			
[Leukemia Mononuclear TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Moderate
	Pars Distalis	Cyst	Moderate
[Angiectasis TGLS = 2-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus		Hydrometra	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86975

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Glioma Malignant	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Minimal
	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild
[Hemorrhage TGLS = 3-3]			
[Hemorrhage TGLS = 1-7]			
[Hyperplasia TGLS = 3-3]			
[Pigmentation TGLS = 3-3]			
[Pigmentation TGLS = 1-7]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-8]			
* Nose		Foreign Body	
* Pituitary Gland	Pars Distalis	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86975

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Brain		Compression	Mild
[Compression TGLS = 2-1]			
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 8-24]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
	Renal Tubule	Dilatation	Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Moderate
	Deep Cervical	Pigmentation	Mild
[Hemorrhage TGLS = 9-25]			
[Pigmentation TGLS = 9-25]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
* Pancreas		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: 45 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85908

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-1]		
* Spleen	Hematopoietic Cell Proliferation	Marked
	Pigmentation	Mild
* Stomach, Glandular	Ulcer	Moderate
* Uterus	Sarcoma Stromal	
[Sarcoma Stromal TGLS = 5-21,6-22]		
Vagina	Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 7-23]		

PRIMARY CAUSE OF DEATH	- Uterus Sarcoma Stromal
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86976

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86977

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Clear Cell Focus	
[Basophilic Focus TGLS = 1-6]			
[Clear Cell Focus TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86978

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 2-6]			
[Clear Cell Focus TGLS = 2-6]			
* Lung		Foreign Body	
		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Granulomatous, Moderate
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 45 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86978

ORGAN AND ACCOUNTABLE SITE STATUS

* Urin Bladder
Note: INFUSION ARTIFACT IN URINARY BLADDER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-8]			
Eye		Cataract	Moderate
	Retina	Degeneration	Marked
[Cataract TGLS = 1-21]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 5-6]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 2-8]			
* Pancreas		Atrophy	Mild
[Atrophy TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-4-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86907

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic, Moderate
* Heart		Cardiomyopathy	Moderate
* Liver		Angiectasis	Mild
		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Marked
[Angiectasis TGLS = 7-23]			
[Basophilic Focus TGLS = 3-6]			
[Infiltration Cellular TGLS = 3-6,7-23]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Moderate
[Hyperplasia TGLS = 6-7]			
[Pigmentation TGLS = 6-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86908

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 8-1]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Infiltration Cellular	Mixed Cell, Marked
[Hematopoietic Cell Proliferation TGLS = 4-6]			
[Infiltration Cellular TGLS = 4-6,5-22]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Moderate
* Bone Marrow		Leukemia Mononuclear	
Ear			
Note: FOCUS OF MILD HYPERPLASIA IN CLITORAL GLAND; NOT TABULATED.			
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 3-7]			
[Pigmentation TGLS = 3-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86258

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Atrophy	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86909

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-4-1]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 405
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-84092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Liver	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Lung		Congestion	Moderate
		Edema	Mild
[Congestion TGLS = 2-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-6]			
[Hepatodiaphragmatic Nodule TGLS = 1-21]			
[Mixed Cell Focus TGLS = 2-6]			
* Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 3-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-4-1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86910

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 7-6]			
[Eosinophilic Focus TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Pigmentation TGLS = 5-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 4-7]			
* Pancreas	Acinus	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86911

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Mild
[Compression TGLS = 12-1]			
* Clitoral Gland		Adenoma	
* Heart		Leukemia Mononuclear	
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-21]			
[Leukemia Mononuclear TGLS = 6-26]			
[Leukemia Mononuclear TGLS = 9-24]			
[Leukemia Mononuclear TGLS = 10-25]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86638

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 4-22]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-23]			
* Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC IS EVIDENT ON SLIDES 22 AND 26.			
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 11-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-24]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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
* Kidney	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Deep Cervical	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Moderate
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 8-7]			
[Leukemia Mononuclear TGLS = 5-3]			
[Leukemia Mononuclear TGLS = 6-22]			
[Pigmentation TGLS = 8-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86912

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-21]			
* Nose		Inflammation	Chronic, Mild
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-4-1]			
* Uterus		Polyp Stromal	
Note: THE STROMAL POLYP IS NECROTIC.			
[Polyp Stromal TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86913

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	* Kidney	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-8]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 6-6]			
[Eosinophilic Focus TGLS = 6-6]			
[Mixed Cell Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
[Hemorrhage TGLS = 4-7]			
[Hyperplasia TGLS = 4-7]			
[Pigmentation TGLS = 4-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
[Pigmentation TGLS = 7-5]			
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86913

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-21,5-22]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stom Gland			
Note: A FEW CYSTICALLY DILATED GLANDS IN MUCOSA; NOT TABULATED.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 8-4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 4-6]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
Note: MAMMARY GLAND HYPERPLASIA IS MOST MARKED ON SLIDE 21.			
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-22]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Moderate
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus	* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 5-2-1]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-4-1]			
* Uterus		Adenoma	
		Hyperplasia	Cystic, Mild
[Adenoma TGLS = 4-7]			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* 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, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Diffuse, Mild
* Brain		Compression	Marked
[Compression TGLS = 8-1]			
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
	Renal Tubule	Infarct	Marked
		Nephropathy	Minimal
[Infarct TGLS = 3-5-2]			
* Liver		Basophilic Focus	
		Mixed Cell Focus	
Note: MIXED CELL FOCI ALSO PRESENT ON SLIDE 6.			
[Mixed Cell Focus TGLS = 5-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Hemorrhage	Moderate
	Mediastinal	Hemorrhage	Minimal
	Deep Cervical	Hyperplasia	Lymphoid, Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Deep Cervical	Pigmentation	Moderate
	Pancreatic	Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86916

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.

[Hemorrhage TGLS = 7-23]			
[Hemorrhage TGLS = 6-3]			
[Hyperplasia TGLS = 6-3]			
[Hyperplasia TGLS = 10-7]			
[Pigmentation TGLS = 10-7]			
[Pigmentation TGLS = 7-23]			
* Lymph Node, Mesenteric		Pigmentation	Mild
[Pigmentation TGLS = 4-5]			
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 11-4-1]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 2-6]			
[Hepatodiaphragmatic Nodule TGLS = 5-21]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hemorrhage TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
[Pigmentation TGLS = 1-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86917

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Polyp Stromal TGLS = 4-7]	Polyp Stromal
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 631
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86208

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
* Kidney	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone Marrow		Leukemia Mononuclear	
* Brain		Compression	Marked
[Compression TGLS = 5-1]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 4-22]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-21]			
* Mammary Gland		Hyperplasia	Mild
* Nose		Inflammation	Chronic, Mild
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 631
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86208

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Intestine Large, Cecum		Edema	Mild
* Liver		Basophilic Focus	
Lymph Node		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 6-23]			
* Lymph Node, Mesenteric		Hemorrhage	Moderate
		Pigmentation	Mild
[Hemorrhage TGLS = 4-5]			
[Pigmentation TGLS = 4-5]			
* Mammary Gland		Hyperplasia	Moderate
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 5-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
	Lymph Follic	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85324

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Edema	Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 364
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Esophagus		Inflammation	Chronic, Moderate
* Heart		Cardiomyopathy	Minimal
Note: TGLS 3 AND 5 ARE A SUBSTANCE RESEMBLING FOREIGN MATERIAL IN PERICARDIUM; MORPHOLOGY NOT AVAILABLE ON TDMS.			
* Liver		Angiectasis	Marked
		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Moderate
[Angiectasis TGLS = 2-21]			
* Lung		Congestion	Mild
		Edema	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Congestion TGLS = 4-2]			
[Edema TGLS = 4-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Moderate
	Hepatocyte	Necrosis	Mild
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 2-7]			
* Mammary Gland		Hyperplasia	Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 1-7]			
* Pancreas		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
[Cyst TGLS = 3-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86918

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EMBEDDED HAIR SHAFT IN TUNICA MUSCULARIS WITH ASSOCIATED MILD GRANULOMATOUS INLAMMATION; NOT TABULATED.
[Squamous Cell Papilloma TGLS = 4-4-1]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 363
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver	Basophilic Focus	
	Infiltration Cellular	Mixed Cell, Minimal
* Lung	Edema	Mild
	Hemorrhage	Marked
Note: LUNG HEMORRHAGE IS LARGELY IN MEDIASTINUM.		
[Hemorrhage TGLS = 6-21]		
* Lymph Node, Mesenteric	Hyperplasia	Lymphoid, Mild
* Spleen	Pigmentation	Mild
* Urin Bladder		
Note: APPARENT INFUSION ARTIFACT IN URINARY BLADDER.		
* Uterus	Polyp Stromal	
Note: THE STROMAL POLYP IS HEMORRHAGIC.		
[Polyp Stromal TGLS = 2-7]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 3-8]			
* Kidney		Hydronephrosis	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Mixed Cell, Mild
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 7-7]			
[Pigmentation TGLS = 7-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Marked
[Fibroadenoma TGLS = 1-21]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86919

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-8]			
* Nose		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 8-4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Mild
		Necrosis	Mild
* Int Sm Duoden			
Note: TGL 6 IS MODERATE DILATATION OF DUODENAL LUMEN; MORPHOLOGY NOT AVAILABLE ON TDMS. MILD DIFFUSE MUCOSAL HYPERPLASIA; NOT TABULATED.			
* Kidney	Renal Tubule	Necrosis	Mild
	Renal Tubule	Pigmentation	Mild
[Necrosis TGLS = 5-5]			
[Pigmentation TGLS = 5-5]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
Note: MODERATE DIFFUSE GLYCOGEN DEPLETION; NOT TABULATED.			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Mild
		Pigmentation	Mild
* Pancreas		Cyst	Moderate
	Acinus	Cytoplasmic Alteration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86259

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 2-1]			
* Salivary Glands		Atrophy	Moderate
* Skin	Subcut Tiss	Edema	Moderate
		Inflammation	Chronic, Moderate
Note: MILD NECROSIS (NOT TABULATED) ASSOCIATED WITH CHRONIC INFLAMMATION. SKIN LESIONS ARE ON SLIDE 8 NEXT TO SALIVARY GLAND SECTION.			
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Moderate
[Atrophy TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Stomach, Glandular		Ulcer	Moderate

PRIMARY CAUSE OF DEATH - Skin Inflammation

Animal Note: CHRONIC INFLAMMATION AND NECROSIS IN SOFT TISSUE ADJACENT TO THYROID GLAND (SLID E 3); NOT TABULATED.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 2-22]			
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Salivary Glands		Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86920

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Chronic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 3-8]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 8-3]			
[Leukemia Mononuclear TGLS = 5-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86921

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-21,4-22]			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney
* Nose	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Pancreas		Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-4-1]			
* Uterus		Polyp Stromal	
Note: UTERINE STROMAL POLYP CONTAINS SEVERAL LARGE CYSTS.			
[Polyp Stromal TGLS = 2-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Pancreas	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-21]			
* Heart		Cardiomyopathy	Minimal
* Intestine Large, Cecum		Edema	Moderate
[Edema TGLS = 11-4]			
* Kidney	Transit Epithe	Hyperplasia	Mild
* Liver	Hepatocyte	Cytomegaly	Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Kupffer Cell	Pigmentation	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 7-6]			
[Vacuolization Cytoplasmic TGLS = 7-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Leukemia Mononuclear	
	Pancreatic	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 4-22]			
[Pigmentation TGLS = 4-22]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86639

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS; NOT TABULATED.			
* Mammary Gland		Hyperplasia	Marked
Note: MAMMARY GLAND HYPERPLASIA IS MOST EVIDENT ON SLIDE 21 WITH CLITORAL GLAND SECTION.			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Salivary Glands		Atrophy	Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
		Pigmentation	Mild
[Fibrosis TGLS = 5-23]			
* Stomach, Forestomach		Edema	Moderate
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	Multiple
		Ulcer	Moderate
[Squamous Cell Papilloma TGLS = 14-4-1]			
[Ulcer TGLS = 6-4]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Necrosis	Mild
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Cyst	Moderate
* Kidney	Renal Tubule	Necrosis	Moderate
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
[Necrosis TGLS = 5-5]			
[Pigmentation TGLS = 5-5]			
* Liver		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Moderate
[Leukemia Mononuclear TGLS = 6-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-22]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Ovary		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86640

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
Note: AGGREGATE OF HEMOSIDERIN-FILLED MACROPHAGES IN PARS DISTALIS; NOT TABULATED.			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Erosion	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 6-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-22]			
[Leukemia Mononuclear TGLS = 8-3]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 2-21]			
[Hyperplasia TGLS = 1-8]			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86923

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-4-1]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland		Ultimobranchial Cyst	Moderate
* Uterus		Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	
		Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Degeneration	Fatty, Minimal
* Clitoral Gland		Hyperplasia	Mild
* Liver		Basophilic Focus	
Note: CYSTIC STRUCTURE LINED WITH FLATTENED OR CUBOIDAL EPITHELIUM ON CAPSULAR SURFACE OF LIVER; CONSIDERED DEVELOPMENTAL DEFECT; NOT TABULATED.			
[Basophilic Focus TGLS = 2-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Angiectasis	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
		Pigmentation	Mild
Note: THE LEUKEMIA MONUC IS IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86924

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
		Pigmentation	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86925

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Polyp Stromal TGLS = 4-7]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 7-23]			
* Brain		Compression	Moderate
[Compression TGLS = 11-1]			
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 4-8]			
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 8-6]			
* Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 13-2-1]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Mild
	Pancreatic	Pigmentation	Mild

Note: MODERATE HISTIOCYTOSIS AND A FEW MULTINUCLEATED GIANT CELLS AND CHOLESTEROL CLEFTS IN PANCREATIC LYMPH NODE; NOT TABULATED.
[Hemorrhage TGLS = 9-3]
[Hyperplasia TGLS = 6-7]
[Hyperplasia TGLS = 9-3]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86926

ORGAN AND ACCOUNTABLE SITE STATUS

[Pigmentation TGLS = 6-7]			
[Pigmentation TGLS = 9-3]			
* Lymph Node, Mesenteric		Pigmentation	Mild
Note: FOCUS OF INCREASED STROMAL FIBROSIS IN MESENTERIC LYMPH NODE; NOT TABULATED.			
* Mammary Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 3-8,1-21,2-22]			
* Ovary		Cyst	Moderate
[Cyst TGLS = 12-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 14-4-1]			
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 5-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 364
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart			
Note: TGLS 3 AND 4 ARE SUBSTANCE RESEMBLING FOREIGN MATERIAL IN PERICARDIUM; MORPHOLOGY NOT AVAILABLE.			
* Liver		Basophilic Focus	
* Lung		Congestion	Mild
		Edema	Mild
		Infiltration Cellular	Histiocyte, Mild
[Congestion TGLS = 5-2]			
Lymph Node	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Focal, Mild
[Angiectasis TGLS = 6-1]			
* Spleen	Lymph Follic	Atrophy	Mild
		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Uterus		

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Focal, Moderate
* Brain		Compression	Mild
[Compression TGLS = 5-1]			
* Kidney		Cyst	Moderate
		Nephropathy	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 7-6]			
* Lung		Congestion	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-21,3-22]			
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86724

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLS = 8-23]

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Basophilic Focus TGLS = 5-6]			
[Hepatodiaphragmatic Nodule TGLS = 4-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Moderate
Note: MARKED HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Hemorrhage TGLS = 7-7]			
[Hyperplasia TGLS = 7-7]			
[Pigmentation TGLS = 7-7]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-21]			
* Ovary		Cyst	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86927

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 8-4-1]			
[Squamous Cell Papilloma TGLS = 8-4-1]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 445
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
Note: MILD CHRONIC INFLAMMATION IN LIVER; NOT TABULATED.			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Mediastinal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 2-24]			
[Hyperplasia TGLS = 4-23]			
[Hyperplasia TGLS = 2-24]			
[Pigmentation TGLS = 2-24]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 3-22]			
* Pancreas		Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 445
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 98-84674

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 666
	DOSE: 90 MG/KG/DY	**DISP:** Natural Death	**HISTO:** 99-86367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 4-22]			
* Liver		Basophilic Focus	
* Lung		Congestion	Marked
		Hemorrhage	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Congestion TGLS = 2-2]			
[Hemorrhage TGLS = 2-2]			
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Mammary Gland		Fibroadenoma	
		Schwannoma Benign	
[Fibroadenoma TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Moderate
[Hyperplasia TGLS = 5-1]			
* Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Adrenal Medulla Pheochromocytoma Complex

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* 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, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Brain		Compression	Marked
[Compression TGLS = 5-1]			
* Clitoral Gland		Inflammation	Chronic, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cytoplasmic Alteration	Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-6]			
[Mixed Cell Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-21]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86928

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Hyperplasia TGLS = 7-4-1]			
[Squamous Cell Papilloma TGLS = 7-4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-6]			
[Mixed Cell Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Moderate
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hyperplasia TGLS = 3-23]			
* Lymph Node, Mesenteric		Pigmentation	Mild
[Pigmentation TGLS = 5-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
Note: CONSIDERABLE AMOUNT OF ADIPOSE TISSUE ASSOCIATED WITH MAMMARY GLAND HYPERPLASIA ON SLIDE 22.			
[Fibroadenoma TGLS = 1-21]			
[Hyperplasia TGLS = 2-22]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86929

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 6-1]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
Note: EPITHELIAL HYPERPLASIA IS ALSO PRESENT ON SLIDE 4.			
[Hyperplasia TGLS = 7-4-1]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Angiectasis	Moderate
* Liver		Basophilic Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Hyperplasia	Lymphoid, Moderate
	Pancreatic	Pigmentation	Mild
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE.			
[Hemorrhage TGLS = 1-7]			
[Hyperplasia TGLS = 1-7]			
[Pigmentation TGLS = 1-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-4-1]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Hyperplasia	Focal, Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
[Basophilic Focus TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 2-21]			
* Pancreas		Atrophy	Moderate
[Atrophy TGLS = 3-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Cyst	Moderate
	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86931

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma	
[Cyst TGLS = 6-4-1]			
[Squamous Cell Papilloma TGLS = 6-4-1]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 5-3]			
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-7]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Adenoma	
* Liver		Basophilic Focus	
Note: BASOPHILIC FOCI ARE ALSO PRESENT ON SLIDE 6.			
[Basophilic Focus TGLS = 2-22]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
[Pigmentation TGLS = 3-5]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 4-23]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pituitary Gland	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Leukemia Mononuclear	
Note: MODERATE HISTIOCYTOSIS IN PANCREATIC LYMPH NODE; NOT TABULATED.			
[Leukemia Mononuclear TGLS = 2-7]			
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pancreas		Atrophy	Minimal
* Salivary Glands		Atrophy	Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-21]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 6-23]			
* Thymus			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86933

ORGAN AND ACCOUNTABLE SITE STATUS

Note: AGGREGATE OF HEMOSIDERIN-CONTAINING MACROPHAGES; NOT TABULATED.

Tongue	Squamous Cell Papilloma
[Squamous Cell Papilloma TGLS = 5-22]	
* Uterus	Polyp Stromal
[Polyp Stromal TGLS = 3-7]	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 601
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-7]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Mild
[Fibroadenoma TGLS = 1-21]			
* Pancreas		Atrophy	Moderate
[Atrophy TGLS = 7-7]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
[Cyst TGLS = 4-1]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-6]			
* Thymus		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 601
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85909

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Deciduoma Benign

Note: TGL 3-7 APPEARS TO BE A DECIDUOMA THAT HAS UNDERGONE REGRESSION.
[Deciduoma Benign TGLS = 3-7]

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Kidney		Hydronephrosis	Marked
[Hydronephrosis TGLS = 2-5]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
[Hyperplasia TGLS = 4-1]			
* Spleen		Leukemia Mononuclear	
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 3-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86934

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
		Hydrocephalus	Moderate
[Compression TGLS = 5-1]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Minimal
		Mixed Cell Focus	
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 3-22,6-23]			
[Pigmentation TGLS = 3-22,6-23]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 2-8]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 1-21]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-1]			
* Spleen		Pigmentation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-85778

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Urin Bladder			
Note: INFUSION ARTIFACT IN URINARY BLADDER.			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 346
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
MISSING			
* Esophagus	* Lymph Node, Mandibular		
OBSERVATIONS			
* Liver		Basophilic Focus	
* Lung		Congestion	Marked
		Edema	Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
* Spleen		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thyroid Gland		Ultimobranchial Cyst	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 636
	DOSE: 90 MG/KG/DY	**DISP:** Moribund Sacrifice	**HISTO:** 99-86260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Brain		Compression	Marked
[Compression TGLS = 2-1]			
* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
Note: MODERATE GLYCOGEN DEPLETION; NOT TABULATED.			
* Lung		Edema	Mild
		Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-8]			
* Nose		Foreign Body	
* Ovary		Cyst	Moderate
[Cyst TGLS = 5-7]			
* Pancreas	Acinus	Cytoplasmic Alteration	Moderate
[Cytoplasmic Alteration TGLS = 4-7]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-1]			
* Spleen		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 364
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Mammary Gland	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
* Esophagus		Perforation	
Note: HEMORRHAGE, NECROSIS AND FOREIGN MATERIAL ASSOCIATED WITH ESOPHAGEAL PERFORATION.			
[Perforation TGLS = 7-23]			
* Heart			
Note: TGLS 3 AND 4 ARE A SUBSTANCE RESEMBLING FOREIGN MATERIAL IN PERICARDIUM; MORPHOLOGY NOT AVAILABLE.			
* Liver		Basophilic Focus	
* Lung		Congestion	Moderate
		Edema	Moderate
[Congestion TGLS = 6-2]			
[Edema TGLS = 6-2]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-21]			
* Nose		Foreign Body	
		Inflammation	Chronic, Minimal
* Pancreas		Cyst	Moderate
* Spleen	Lymph Follic	Atrophy	Moderate
		Pigmentation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 364
	DOSE: 90 MG/KG/DY	**DISP:** Dosing Accident	**HISTO:** 98-83922

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Focal, Minimal
* Clitoral Gland		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Mixed Cell, Mild
[Basophilic Focus TGLS = 3-6]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Pigmentation	Moderate
[Hemorrhage TGLS = 2-7]			
[Hyperplasia TGLS = 2-7]			
[Pigmentation TGLS = 2-7]			
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86935

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Inflammation	Chronic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mandibular

INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic, Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Infiltration Cellular	Mixed Cell, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6]			
* Lung		Hemorrhage	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: HEMORRHAGE IS ON SLIDE 22.			
[Infiltration Cellular TGLS = 2-2,3-22]			
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mesenteric		Pigmentation	Moderate
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 6-21]			
* Ovary		Cyst	Marked
[Cyst TGLS = 4-7]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86936

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-1]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
		Pigmentation	Mild
Note: LEUKEMIA MONUC APPEARS TO BE IN AN EARLY STAGE.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-23]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* 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	* Kidney	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
		Angiectasis	Moderate
		Degeneration	Fatty, Moderate
		Hyperplasia	Focal, Minimal
		Hypertrophy	Focal, Moderate
* Liver		Basophilic Focus	
		Eosinophilic Focus	
[Basophilic Focus TGLS = 3-6,3-21]			
[Eosinophilic Focus TGLS = 3-21]			
* Lung		Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Pigmentation	Mild
* Mammary Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-22]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 735
	DOSE: 90 MG/KG/DY	**DISP:** Terminal Sacrifice	**HISTO:** 99-86937

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hydrometra TGLS = 2-7]	Hydrometra	Moderate

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE