C Number:	C88148C
Lock Date:	08/31/2005
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	02/29/2008

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urethra	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 2-15]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
Mesentery	Fat	Fibrosis	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-15]			
* Pituitary Gland	Pars Distalis	Cyst	Multiple, Mild
* Seminal Vesicle		Dilatation	Marked
* Stomach, Glandular	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-16]			
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500431

ORGAN AND ACCOUNTABLE SITE STATUS

	Ectopic Parathyroid Gland	Mild
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urethra	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-12REE]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 1-11]			
[Infiltration Cellular TGLS = 2-11]			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Sebaceous Gl	Atrophy	Moderate
* Thymus		Cyst	Multiple, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500432

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ductus Deferens	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urethra
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Dilatation	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Preputial Gland		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Sebaceous Gl	Atrophy	Minimal
* Testes			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500433

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 618
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Islets, Pancreatic)
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Islets, Pancreatic)
Ductus Deferens		Carcinoma	Metastatic (Islets, Pancreatic)
* Epididymis		Carcinoma	Metastatic (Islets, Pancreatic)
		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 1-11]			
* Kidney		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Islets, Pancreatic)
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-12]			
[Hepatocellular Carcinoma TGLS = 3-13]			
* Lung		Carcinoma	Metastatic (Islets, Pancreatic)
[Carcinoma TGLS = 4,5-12+13]			
Lymph Node	Mediastinal	Carcinoma	Metastatic (Islets, Pancreatic)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 618
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500434

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Carcinoma	Metastatic (Islets, Pancreatic)
* Pancreas	Carcinoma	Metastatic (Islets, Pancreatic)
[Carcinoma TGLS = 1-11]		
* Prostate	Carcinoma	Metastatic (Islets, Pancreatic)
* Salivary Glands	Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle	Carcinoma	Metastatic (Islets, Pancreatic)
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Islets, Pancreatic Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Carcinoma Islets;Pancreatic;Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urethra		

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
Coagulating Gland		Dilatation	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: Microscopic hepatocellular adenomas also present on slides #03 and 05.			
[Hepatocellular Adenoma TGLS = 1,2,3-12+13+14]			
* Preputial Gland		Infiltration Cellular	Lymphoid, Minimal
* Prostate	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500435

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Multiple, Minimal
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
Skeletal Muscle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urethra			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Dilatation	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Mild
* Skin	Hair Follicle	Dilatation	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500436

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 612
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	Ureter	* Urethra

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Gallbladder			
Note: Gallbladder located on slide #11			
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
[Hemangiosarcoma TGLS = 3,4,5,6,7-11+12+13]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Mild
	Hair Follicle	Dilatation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 612
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500437

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
Coagulating Gland	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* 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	* Nose	* Pancreas	* Pituitary Gland
* Prostate	* Seminal Vesicle	Skeletal Muscle	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urethra			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Brain		Meningioma Malignant	
[Meningioma Malignant TGLS = 5-2]			
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Gallbladder			
Note: Gallbladder located on slide #11.			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLS = 4-5]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Preputial Gland		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Mild
[Atrophy TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500438

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.		
* Thymus	Atrophy	Moderate
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Brain Meningioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2,3-12+13]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Mild
[Hyperplasia TGLS = 4-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500439

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.		
* Thymus	Cyst	Multiple, Mild
	Ectopic Parathyroid Gland	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ductus Deferens	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
Skeletal Muscle	Spinal Cord	* Stomach, Glandular	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Atrophy	Marked
* Epididymis		Atrophy	Marked
		Granuloma Sperm	Marked
		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Hydronephrosis	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 3-4]			
* Liver		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma TGLS = 1,2-11+12]			
* Nose			
Note: Third nasal section partially missing at trim			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500440

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
[Hyperplasia TGLS = 5-16]			
[Inflammation TGLS = 5-16]			
[Ulcer TGLS = 5-16]			
* Testes	Germinal Epith	Degeneration	Marked
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-3]			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urethra			

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Dilatation	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Testes			

Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500441

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Multiple, Minimal
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Coagulating Gland		Dilatation	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2,3,4=16REE+17+18]			
* Preputial Gland		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500442

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-15]		
* Thymus	Cyst	Multiple, Mild
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
Coagulating Gland		Dilatation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Mild
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Testes			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500443

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.

* Thymus	Cyst	Multiple, Mild
Tooth	Dysplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	Ureter	* Urethra

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500444

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urethra	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Ductus Deferens		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Carcinoma	
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7,8,9,10,13-13+14+15+16+18]			
* Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12-12]			
Lymph Node	Iliac	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: TGL#11-17 refers to axillary lymph node.
[Lymphoma Malignant TGLS = 3-12]
[Lymphoma Malignant TGLS = 5-14]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 609
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500445

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-13]			
[Lymphoma Malignant TGLS = 11-17]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-15]			
* Prostate	Epithelium	Hyperplasia	Mild
		Lymphoma Malignant	
* Skin	Sebaceous Gl	Atrophy	Mild
	Hair Follicle	Dilatation	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
[Hyperplasia TGLS = 14-5]			
[Ulcer TGLS = 14-5]			
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	Skeletal Muscle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Mild
* Skin	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500446

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	Coagulating Gland	Ductus Deferens
* Esophagus	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Seminal Vesicle
Skeletal Muscle	* Stomach, Glandular	* Testes	* Trachea
Ureter	* Urinary Bladder		

MISSING

* Mammary Gland	* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
* Brain		Inflammation	Chronic Active, Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Gallbladder		Inflammation	Chronic Active, Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-7]			
* Heart	Artery	Hyperplasia	Mild
	Artery	Inflammation	Chronic Active, Moderate
* Kidney	Pelvis	Hyperplasia	Minimal
	Artery	Inflammation	Chronic Active, Moderate
		Metaplasia	Osseous, Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Moderate
	Hepatocyte	Necrosis	Mild
		Pigmentation	Minimal
[Hepatocellular Carcinoma TGLS = 2,3-11+5]			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500447

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate	Artery	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Minimal
	Artery	Inflammation	Chronic Active, Mild
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Moderate
	Artery	Hyperplasia	Moderate
	Artery	Inflammation	Chronic Active, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
* Thyroid Gland		Inflammation	Chronic Active, Moderate
* Urethra	Artery	Hyperplasia	Marked
	Artery	Inflammation	Chronic Active, Moderate
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Animal Note: Systemic vascular hyperplasia and inflammation consistent with a diagnosis of pe riarteritis nodosa.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urethra

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Eye	Antr Chamber, Cornea	Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-7]			
* Gallbladder			
Note: Gallbladder section located on slide #16.			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Metaplasia	Osseous, Mild
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
[Hepatocellular Adenoma TGLS = 7-5]			
[Hepatocellular Carcinoma TGLS = 4,5,6,8-11+15+12+16]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500448

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-13]			
[Inflammation TGLS = 2-14]			
[Ulcer TGLS = 2-14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation;Skin Epidermis Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	Ureter
* Urethra			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 2-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
* Pancreas	Duct	Cyst	Marked
[Cyst TGLS = 1-5]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500449

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Testes	Germinal Epith	Degeneration	Minimal
* Thymus		Cyst	Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 3,4-16+16REE+17]			
[Hepatoblastoma TGLS = 1-15]			
[Hepatocellular Adenoma TGLS = 2-15]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500450

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Multiple, Mild
	Ectopic Parathyroid Gland	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Infiltration Cellular	Lymphoid, Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney	Cortex	Cyst	Mild
		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Clear Cell Focus TGLS = 1-5+11]			
[Hepatocellular Adenoma TGLS = 2,3--12+3+12]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500451

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Moderate
* Testes	Germinal Epith	Degeneration	Minimal
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
Tooth		Dysplasia	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urethra

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
Coagulating Gland		Infiltration Cellular	Lymphoid, Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate

[Clear Cell Focus TGLS = 2-12]
[Hepatocellular Adenoma TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500452

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung	Alveolar Epith	Hyperplasia	Mild
* Parathyroid Gland		Cyst	Mild
* Preputial Gland		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 0 MG/KG	**DISP:** Dosing Accident	**HISTO:** 0500453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Coagulating Gland	Ductus Deferens
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	Ureter
* Urethra			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Esophagus	Periesoph Tiss	Inflammation	Chronic Active, Mild
	Epithelium	Necrosis	Mild
		Perforation	
[Perforation TGLS = 1-13]			
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-11+12]			
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Mineralization	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-11]			
* Nose	Nasolacrim Dct, Squam Epithel	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 0 MG/KG	**DISP:** Dosing Accident	**HISTO:** 0500453

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Atrophy	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Degeneration	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Atrophy	Moderate
* Thyroid Gland		Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urethra	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Fibrosarcoma	Metastatic (Skin)
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Fibrosarcoma	Metastatic (Skin)
		Hepatocholangiocarcinoma	
		Infarct	Marked
		Inflammation	Chronic Active, Minimal

Note: TGL#5-11: Histologically consistent with a strangulated liver lobe.
[Fibrosarcoma TGLS = 3-6]
[Infarct TGLS = 5-11]

* Lung	Mediastinum	Fibrosarcoma	Metastatic (Skin)
		Fibrosarcoma	Metastatic (Skin)

[Fibrosarcoma TGLS = 6-12,7-15]

Lymph Node

Note: TGL#s 2,4-14: Mammary gld./lumbar L N mass/enlargement, documented at necropsy, are metastatic malig. pheochromocytoma histologically. Lesion coded under skin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500454

ORGAN AND ACCOUNTABLE SITE STATUS

Pleura		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 8-16+16I]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 8-16]			
* Skin	Sebaceous Gl	Atrophy	Marked
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2,4-14-9-16]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Moderate
* Thymus		Atrophy	Marked
		Cyst	Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	Skeletal Muscle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Hair Follicle	Dilatation	Minimal
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Parathyroid Gl			
Note: Parathyroid gland tissue on slide #06 with thymus.			
* Preputial Gland		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500456

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth		Ectopic Parathyroid Gland Malformation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 625
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	Skeletal Muscle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urethra	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 4-14]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Mild
	Dermis	Fibrosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2,3-11+12+13]			
[Ulcer TGLS = 1,2,3-11+12+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 625
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500457

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urethra	

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500458

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	Skeletal Muscle
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 3-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
[Eosinophilic Focus TGLS = 2-12]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Moderate
* Skin	Sebaceous Gl	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500459

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Infiltration Cellular	Lymphoid, Minimal
* Testes		
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.		
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-12]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500460

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 694
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urethra	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow	Erythroid Cell	Hyperplasia	Marked
		Hyperplasia	Marked
* Gallbladder			
Note: Section of gallbladder is located on slide #11			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
[Hepatocellular Carcinoma TGLS = 1-11]			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 694
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500461

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	Multiple
Note: A portion of the hepatocellular carcinoma present on slide #10 is also present on slide #03.			
[Hepatocellular Carcinoma TGLS = 4,5-10+12]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
[Ectasia TGLS = 2-8]			
* Prostate		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 6-11]			
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500462

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Moderate
PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 1,2-11+12]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Moderate
* Thymus		Cyst	Mild
Tooth		Malformation	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500463

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter			

MISSING

* Gallbladder	* Lymph Node, Mandibular	* Mammary Gland	* Thymus
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hemorrhage	Mild
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Moderate
		Thrombosis	Marked
[Hepatocellular Carcinoma TGLS = 3-10]			
[Thrombosis TGLS = 2-4]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500464

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes		
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.		
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thymus	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	Ureter	* Urethra

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Testes	Germinal Epith	Degeneration	Mild
Tooth		Dysplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urethra		

MISSING

* Mammary Gland	* Thymus	Ureter

OBSERVATIONS

* Adrenal Cortex		Hemangiosarcoma	Metastatic (Kidney)
	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Heart		Cardiomyopathy	Mild
* Kidney		Hemangiosarcoma	
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
[Hemangiosarcoma TGLS = 5-14]			
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
[Hepatocellular Carcinoma TGLS = 4-11]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 6,7-15+16]			
* Preputial Gland		Atrophy	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500467

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Sebaceous Gl	Atrophy	Moderate
	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-12]			
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
[Hemangiosarcoma TGLS = 3-13]			
[Hematopoietic Cell Proliferation TGLS = 2-4+13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL#1-12: Mammary gland mass, documented at necropsy, is subcutaneous hemangiosa rcoma histologically. Lesion coded under skin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder			

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Clear Cell Focus TGLS = 2-12]			
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung			
Note: TGL#3-13-NCL: Lung nodule, documented at necropsy, not demonstrated histologically.			
* Preputial Gland		Atrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500468

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes	Germinal Epith	Degeneration	Mild
		Mineralization	Mild
* Thymus		Cyst	Multiple, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urethra

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 6-16]			
* Kidney		Infiltration Cellular	Lymphoid, Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Note: A portion of the hepatocellular adenoma present on slide #13 is also present on slide #03.			
[Clear Cell Focus TGLS = 3-13]			
[Hepatocellular Adenoma TGLS = 2,3,4-11+13+14]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 5-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500469

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Moderate
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-17]			
* Parathyroid Gl			
Note: Parathyroid gland tissue on slide #06 with thymus.			
* Preputial Gland		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Hair Follicle	Dilatation	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ductus Deferens	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	Skeletal Muscle	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Dilatation	Minimal
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Artery	Inflammation	Chronic Active, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
[Eosinophilic Focus TGLS = 3-11]			
[Hepatocellular Adenoma TGLS = 2,3,4-4+11+12]			
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1-14]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500470

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Minimal
* Skin	Sebaceous Gl	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
[Hyperplasia TGLS = 5-13]			
[Ulcer TGLS = 5-13]			
* Thymus		Atrophy	Moderate
Tooth		Odontoma	

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Gallbladder			
Note: Ectopic pancreatic tissue noted with gallbladder.			
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 1-11]			
[Mixed Cell Focus TGLS = 2-5+5A]			
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500471

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 2-12+13]			
* Preputial Gland		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500472

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urethra
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Dilatation	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-7]			
* Heart		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3-3+12]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500473

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11]			
* Preputial Gland	Duct	Ectasia	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Mild
Tooth		Malformation	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	Ureter	* Urethra	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland	Epithelium	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Preputial Gland		Infiltration Cellular	Lymphoid, Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500474

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Moderate
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 2-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 1-11]			
* Preputial Gland		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500475

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Cyst	Mild
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
Skeletal Muscle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatoblastoma TGLS = 2-12]			
[Hepatocellular Adenoma TGLS = 1-11]			
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500476

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

Animal Note: TGL 3 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 486
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Salivary Glands	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Dilatation	Minimal
* Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-7]			
* Harderian Gland		Adenoma	
		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-7]			
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Nose	Nasolacrim Dct, Squam Epithel	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Chronic Active, Minimal
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Prostate	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 486
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500477

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle
* Skin	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Clear Cell Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild

Note: A small portion of the hepatocellular adenoma demonstrated on slide #12 is also present on slide #03.
[Hepatocellular Adenoma TGLS = 1,2,3-11+12+13]

* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500478

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Cyst	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urethra	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500479

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	Ureter
* Urethra			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Hemangiosarcoma	
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hemangiosarcoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

Note: A portion of the hepatocellular carcinoma on slide #11 is also present on slide #03.
[Hemangiosarcoma TGLS = 1,2,3-11+4+12REE]
[Hepatocellular Carcinoma TGLS = 1-11]

* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Testes			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500481

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.

* Urethra	Transit Epithe	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	- Heart Hemangiosarcoma		
CONTRIBUTORY CAUSE OF DEATH	- Liver Hemangiosarcoma;Liver Hepatocellular Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 380
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
		Mineralization	Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
		Mineralization	Minimal
* Liver		Basophilic Focus	
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 380
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500482

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral- normal, not coded.			
* Thymus		Atrophy	Marked
Ureter		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 165
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
Ureter	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urethra	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Skin Epidermis Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 165
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500483

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

Blood Vessel	Aorta	Inflammation	Chronic Active, Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

Note: A small portion of the hepatocellular adenoma present on slide #12 is also present on slide #03.
[Hepatocellular Adenoma TGLS = 1,2,3-11+12+13]
[Mixed Cell Focus TGLS = 4-14]

* Pancreas		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500484

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Tooth		Malformation	
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	Ureter

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Infiltration Cellular	Lymphoid, Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 3,4-13+14]			
[Mixed Cell Focus TGLS = 3-13]			
* Parathyroid Gl			
Note: Parathyroid gland tissue located on slide #06 adjacent to thymic tissue.			
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500485

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Dermis	Fibrosis	Mild
	Epidermis	Hyperkeratosis	Marked
	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Dermis	Metaplasia	Osseous, Moderate
	Epidermis	Ulcer	Marked
[Hyperkeratosis TGLS = 1,2-11+12]			
[Hyperplasia TGLS = 1,2-11+12]			
[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 2-12]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thymus	* Trachea

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Mild
		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatoblastoma TGLS = 3-13]			
[Hepatocellular Adenoma TGLS = 2,3,4-12+13+14]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500486

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thyroid Gland	Follicle	Cyst	Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Moderate
		Mineralization	Mild
		Nephropathy	Moderate
[Hydronephrosis TGLS = 3-4]			
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500487

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Carcinoma	Metastatic (Urethra)
		Fibrosis	Marked
		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Moderate
[Dilatation TGLS = 2-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti -unilateral- normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
		Dilatation	Marked
	Transit Epithe	Inflammation	Chronic Active, Mild
[Dilatation TGLS = 4-11]			
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 574
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric	* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Liver		Histiocytic Sarcoma	
* Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Mild
[Hyperplasia TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 574
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500488

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

Animal Note: All tissues from this animal examined microscopically were mildly to markedly au tolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Testes	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Osteopetrosis	Moderate
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2-11+12]			
* Preputial Gland		Atrophy	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500489

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-13]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 591
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Glomerulus	Amyloid Deposition	Marked
	Renal Tubule	Dilatation	Marked
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Moderate
* Liver		Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	Fat	Mineralization	Minimal
[Inflammation TGLS = 2-12]			
* Preputial Gland		Atrophy	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 591
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500490

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-5+13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer		
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pituitary Gland	* Preputial Gland	* Spleen	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500491

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin		Cyst Epithelial Inclusion	Marked
[Cyst Epithelial Inclusion TGLS = 1-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Testes		Mineralization	Minimal
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
Ureter		Dilatation	Marked
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	Ureter	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Infiltration Cellular	Lymphoid, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 2,3-12+13A]			
[Infiltration Cellular TGLS = 4-13]			
Mesentery	Fat	Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500492

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - not coded.			
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Minimal
		Infiltration Cellular	Lymphoid, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-12]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500493

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TGL=3 NCL (No Correlating Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Coagulating Gland	Ductus Deferens
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	Skeletal Muscle	* Testes
* Thyroid Gland	* Trachea	Ureter	

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
[Hemangiosarcoma TGLS = 2-12]			
[Hepatocellular Adenoma TGLS = 3-13]			
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
	Subcut Tiss	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500494

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mineralization	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild

Note: A microscopic hepatocellular adenoma is also on slide #13 adjacent to the basophilic focus.
Note: TGL#1-11: Histomorphologically consistent with a diagnosis of strangulated liver lobe.
[Basophilic Focus TGLS = 3-13]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500495

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 2,3-12+13]			
[Infarct TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Infiltration Cellular	Lymphoid, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 4,5-14+15]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Glandular		Mineralization	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Ectopic Parathyroid Gland	Minimal
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		
Animal Note: TGL=6 NCL (No Corresponding Lesion)			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500496

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	Coagulating Gland
Ductus Deferens	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Inflammation	Chronic Active, Moderate
* Brain		Degeneration	Minimal
* Epididymis		Inflammation	Chronic Active, Moderate
* Eye	Optic Nerve	Inflammation	Chronic Active, Moderate
* Harderian Gland		Hyperplasia	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Heart	Artery	Inflammation	Chronic Active, Mild
* Kidney	Artery	Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Inflammation	Chronic Active, Moderate
* Pancreas		Inflammation	Chronic Active, Mild
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500497

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Heart Artery Inflammation		

Animal Note: The majority of the inflammation was located perivascularly. This finding is con sistent with a histologic diagnosis of systemic periarteritis nodosa.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
[Dilatation TGLS = 2-4]			
[Hydronephrosis TGLS = 2-4]			
* Liver		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 642
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500498

ORGAN AND ACCOUNTABLE SITE STATUS

		Dilatation	Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Mineralization	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 1-4]			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

Animal Note: TGL=3 NCl (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 524
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 3-12]			
* Lung			
Note: TGL#4=NCL: Cause of discoloration, documented at necropsy, not apparent histologically.			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Inflammation TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 524
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500499

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	Ureter

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Glomerulus	Amyloid Deposition	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
[Hepatocellular Adenoma TGLS = 4,5-12+14]			
[Hepatocellular Carcinoma TGLS = 3-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Moderate
	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500500

ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-13+14]			
[Inflammation TGLS = 1,2-13+14]			
[Ulcer TGLS = 1,2-13+14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer		
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	Skeletal Muscle	* Skin
* Stomach, Forestomach	* Testes	* Thymus	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild

Note: A portion of the hepatocellular adenoma on slide #12 is also present on slide # 04.
Note: A portion of the hepatocellular carcinoma on slide #11 is also present on slide #s 03 and 03A.
[Hepatocellular Adenoma TGLS = 2-12]
[Hepatocellular Carcinoma TGLS = 1-11]

* Lung		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500501

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver	Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Inflammation	Chronic Active, Mild
* Kidney	Glomerulus	Amyloid Deposition	Mild
	Cortex	Cyst	Mild
	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Marked
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Dilatation TGLS = 2-4]			
[Hydronephrosis TGLS = 2-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Hepatocyte	Necrosis	Mild
[Hepatocellular Adenoma TGLS = 3-12]			
* Lung		Alveolar/Bronchiolar Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500502

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Marked
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
Ureter		Dilatation	Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* 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	* Preputial Gland	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart	Artery	Inflammation	Chronic Active, Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
Note: TGL#4-13-NCL: Liver nodule documented at necropsy, not demonstrated histologically.			
[Hepatocellular Adenoma TGLS = 3-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Mediastinum	Inflammation	Chronic Active, Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 5-14]			
Lymph Node	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500503

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Lymphoma Malignant	
Note: TGL#2-11: Histologically, mesentery nodule, documented at necropsy, is enlarged pancreatic lymph node due to malignant lymphoma.			
* Prostate		Inflammation	Chronic Active, Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Inflammation	Chronic Active, Mild
* Skin	Sebaceous Gl	Atrophy	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Lymphoma Malignant	
* Urethra	Transit Epithe	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 552
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
Skeletal Muscle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,2-11+12]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-13]			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Infiltration Cellular	Lymphoid, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 1-11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500505

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-3+11]			
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500506

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Minimal
* Urethra	Transit Epithe	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
	Alveolar Epith	Hyperplasia	Moderate
[Alveolar/Bronchiolar Adenoma TGLS = 2-12]			
* Prostate		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500507

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Epididymis		Granuloma Sperm	Mild
		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Prostate		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urethra	Transit Epithe	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500508

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
Ductus Deferens	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
Skeletal Muscle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	Ureter

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone		Osteopetrosis	Moderate
Coagulating Gland		Dilatation	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Atrophy	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Mild
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urethra	Transit Epithe	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500509

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* 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	* Pituitary Gland	* Preputial Gland	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
Ureter			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
		Infiltration Cellular	Lymphoid, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2,3-12+13]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Prostate		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500510

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
		Infiltration Cellular	Mast Cell, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 479
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Preputial Gland		Atrophy	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 479
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500511

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Minimal

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation

Animal Note: TGL=3 NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Seminal Vesicle	Skeletal Muscle	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
Ureter			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti -unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500512

ORGAN AND ACCOUNTABLE SITE STATUS

* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Skin
* Spleen	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: A small portion of the hepatocellular adenoma present on slide #11 is also present on slide #05.			
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
* Pancreas		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500513

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Testes			
Note: Only one testicle and epididymis available for histologic examination.			
* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Cyst	Moderate
		Infiltration Cellular	Lymphoid, Mild
Note: Epididymal cyst is keratin filled.			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatocellular Adenoma TGLS = 1,2-11+12]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500514

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-13]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Glomerulus	Amyloid Deposition	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 4-14]			
[Hepatocellular Carcinoma TGLS = 5-15]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Hepatocellular Carcinoma	Metastatic (Liver)
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 6-16]			
[Infiltration Cellular TGLS = 7-16]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500515

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Intermed	Adenoma	
* Preputial Gland		Atrophy	Marked
		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2,3-11+12+13]			
[Inflammation TGLS = 1,2,3-11+12+13]			
[Ulcer TGLS = 1,2,3-11+12+13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urethra	Transit Epithe	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	Ear	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle
Skeletal Muscle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Duodenum		Adenoma	
		Intussusception	Marked
[Adenoma TGLS = 3-13]			
[Intussusception TGLS = 3-13]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
Note: A small portion of the hepatocellular adenoma present on slide #11 is also on slide #03.			
[Hepatocellular Adenoma TGLS = 2-11]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Oral Mucosa	Gingival	Inflammation	Chronic Active, Moderate
* Preputial Gland		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500516

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
Tooth		Malformation	
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-11]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500517

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 2-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
* Spleen		Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-5+12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Adenoma	
	Subcapsular	Hyperplasia	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-12]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500518

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	Skeletal Muscle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	Ureter	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Hypertrophy	Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
		Pigmentation	Mild
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 1-12]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500519

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Minimal
* Urethra	Transit Epithe	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Testes	* Thyroid Gland	* Trachea	Ureter

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
		Fibrosis	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-13]			
* Parathyroid Gland		Cyst	Multiple, Mild
Pleura		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 4-11]			
* Preputial Gland		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500520

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
	Epidermis	Hyperplasia	Minimal
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-14]			
[Inflammation TGLS = 1-14]			
[Ulcer TGLS = 1-14]			
* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
Tongue		Cyst	Multiple, Mild
	Artery	Inflammation	Chronic Active, Moderate
[Cyst TGLS = 2-12]			
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma;Skin Inflammation;Urethra Transit Epithe Carcinoma

Animal Note: TGL=5 NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
	Papilla	Necrosis	Mild
		Nephropathy	Marked
[Nephropathy TGLS = 1-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Preputial Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500521

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Minimal
Ureter		Dilatation	Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Preputial Gland
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Metaplasia	Osseous, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500522

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Pituitary Gland
Skeletal Muscle	* Spleen	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Dilatation	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Preputial Gland		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Dilatation	Mild
* Skin	Hair Follicle	Dilatation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500523

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 668
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Moderate
		Hyperplasia	Atypical, Moderate
Note: Lesion resembles atypical endothelial hyperplasia involving the myocardium.			
* Kidney	Glomerulus	Amyloid Deposition	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Amyloid Deposition	Moderate
		Atypia Cellular	Mild
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 4-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 668
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500524

ORGAN AND ACCOUNTABLE SITE STATUS

[Alveolar/Bronchiolar Adenoma TGLS = 5-12]			
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Moderate
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-12+13]			
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Spleen		Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation;Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
Ureter			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	Multiple
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2,3-11+12+13]			
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Ectopic Parathyroid Gland	Mild
* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500525

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	Skeletal Muscle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Trachea	Ureter

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 3,4-13]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-14]			
* Preputial Gland		Atrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Skin	Dermis	Fibrosis	Mild
	Epidermis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500526

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-11+12]			
[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 1,2-11+12]			
* Thyroid Gland	Follicular Cel	Carcinoma	
Tooth		Malformation	
* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 416
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Skin	* Testes
* Thyroid Gland	* Trachea	Ureter	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
* Lung		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 2-12]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 416
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500527

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Thymus		Atrophy	Marked
		Cyst	Multiple, Minimal
* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Stomach, Forestomach Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Skin
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
		Hyperplasia	Atypical, Mild
		Mineralization	Mild
	Myocardium	Necrosis	Moderate
Note: Lesion resembles atypical endothelial hyperplasia involving the myocardium.			
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500528

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	Skeletal Muscle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-12]			
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLS = 3,4-13+14]			
* Preputial Gland		Atrophy	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500529

ORGAN AND ACCOUNTABLE SITE STATUS

* Urethra	Transit Epithe	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 542
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
Skeletal Muscle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Inflammation	Chronic Active, Minimal
* Harderian Gland		Hyperplasia	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Glomerulus	Amyloid Deposition	Moderate
	Renal Tubule	Dilatation	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Moderate
* Liver		Amyloid Deposition	Moderate
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 542
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500530

ORGAN AND ACCOUNTABLE SITE STATUS

	Fat	Necrosis	Marked
[Necrosis TGLS = 2,3-11+12]			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Mild
* Prostate		Infiltration Cellular	Lymphoid, Minimal
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked
* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer		
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Spleen	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
	Papilla	Necrosis	Marked
		Nephropathy	Moderate
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500531

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Mild
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
Ureter		Dilatation	Moderate
* Urethra	Transit Epithe	Carcinoma	
		Dilatation	Marked
	Transit Epithe	Hyperplasia	Marked
		Inflammation	Chronic Active, Minimal
[Dilatation TGLS = 1-11]			
[Hyperplasia TGLS = 1-11]			
* Urinary Bladder		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

Animal Note: TGL 3 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 556
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ear	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Cortex	Cyst	Multiple, Marked
	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Moderate
		Mineralization	Minimal
		Nephropathy	Mild
[Cyst TGLS = 1-11]			
[Dilatation TGLS = 2-4+11]			
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
Note: An additional alveolar-bronchiolar adenoma observed microscopically in the right apical lung lobe.			
[Alveolar/Bronchiolar Adenoma TGLS = 3-11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 556
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500532

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 521
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Mild
* Liver		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 521
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500533

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Marked
		Cyst	Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	Ureter

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Intestine Large, Cecum		Cyst	Marked
[Cyst TGLS = 3-13]			
* Liver		Eosinophilic Focus	
		Hemorrhage	Moderate
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Necrosis	Moderate
[Hemorrhage TGLS = 2-12]			
[Hepatocellular Adenoma TGLS = 2-12]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 664
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500534

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Hematopoietic Cell Proliferation	Marked
* Testes			
Note: Rete testes with adjacent tubuli recti -bilateral- normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Marked
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Liver	Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung	Hepatocellular Carcinoma Liver

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 521
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Gallbladder			
Note: Gallbladder is on slide #11.			
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Mineralization	Mild
[Dilatation TGLS = 3-4]			
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 521
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500535

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 4-10+11]			
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
[Dilatation TGLS = 1-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Testes			
Note: Rete testes with adjacent tubuli recti- unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Seminal Vesicle	Skeletal Muscle
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Amyloid Deposition	Moderate
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Mild
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 4-11]			
* Kidney	Glomerulus	Amyloid Deposition	Marked
	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Amyloid Deposition	Moderate
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 673
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500536

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Amyloid Deposition	Minimal
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Marked
		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Carcinoma;Skin Inflammation;Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 718
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500537

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Fibrosis TGLS = 3-12]			
[Hyperplasia TGLS = 1,2,3-11+12]			
[Inflammation TGLS = 1,2,3-11+12]			
[Ulcer TGLS = 1,2,3-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-5+13]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Marked
		Mineralization	Minimal
[Dilatation TGLS = 1-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 2-10+11]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500538

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 3-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Marked
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
Note: Microscopic hepatocellular adenoma also present on slide #11.			
[Hepatocellular Adenoma TGLS = 3-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500539

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti -unilateral, not coded.			
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Tension Lipidosis	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-11+12]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500540

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epithelium	Ulcer	Marked
[Hyperplasia TGLS = 3-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Infiltration Cellular	Lymphoid, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500541

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Dermis	Fibrosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-11+12]			
[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 1,2-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-5+13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubui recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 542
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Mild
[Hepatocellular Adenoma TGLS = 3-5]			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 542
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500542

ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-10+10A]			
[Ulcer TGLS = 1-10+10A]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Atrophy	Mild
		Cyst	Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Epidermis Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histologic examination.			
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Eye			
Note: Optic nerves not found in block or wet tissue.			
* Heart		Inflammation	Chronic Active, Marked
Note: Aortic valve contains a large amount of bacterial colonies, fibrin, and inflammatory cells. Consistent with a diagnosis of vegetative valvular endocarditis.			
* Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
Note: Bacterial colonies in glomeruli and papillae.			
[Dilatation TGLS = 2-4]			
* Liver		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500543

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Congestion	Marked
[Congestion TGLS = 3-3]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-5+11]			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Prostate Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 470
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Metaplasia	Osseous, Mild
		Mineralization	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 1-4]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Carcinoma	Metastatic (Urethra)
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 470
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500544

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Moderate
	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 358
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Eye			
Note: Only one eye available for histologic examination.			
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
[Dilatation TGLS = 1-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
* Spleen		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 358
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500545

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-11]			
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Brain	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Bone		Osteopetrosis	Marked
* Bone Marrow		Myelofibrosis	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Moderate
* Harderian Gland		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Renal Tubule	Dilatation	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 5-15]			
* Liver		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
[Alveolar/Bronchiolar Carcinoma TGLS = 6-13]			
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLS = 1,2-11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500546

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
Mesentery		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 7-13]			
Pleura		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
[Alveolar/Bronchiolar Carcinoma TGLS = 3-11+14]			
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
* Testes	Germinal Epith	Degeneration	Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 471
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1,2-11+12]			
* Prostate		Carcinoma	Metastatic (Urethra)
Note: TGL#3-10+11: Enlarged prostate, documented at necropsy, is urethra/ urethral glands transitional cell carcinoma histologically with invasion into prostate.			
Note: Lesion coded under urethra.			
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 471
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500547

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-5+13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Moderate
Ureter		Dilatation	Moderate
* Urethra	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 3-10+11]			

PRIMARY CAUSE OF DEATH	- Skeletal Muscle Carcinoma Urethra
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 644
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Mild
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Salivary Glands		Mineralization	Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 644
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500548

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Stom Forestom			
Note: TGL#1-11-NCL: Forestomach section is mildly autolytic and considered to be within normal limits histologically.			
* Testes			
Note: Rete testes with adjacent tubuli recti -unilateral- normal, not coded.			
* Thymus		Atrophy	Marked
Ureter		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 640
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
[Dilatation TGLS = 3-4]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Fibrosis	Moderate
		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 640
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500549

ORGAN AND ACCOUNTABLE SITE STATUS

		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Marked
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-5]			
* Thymus		Atrophy	Marked
[Atrophy TGLS = 2-6]			
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 533
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Note: Only one adrenal gland available for histologic examination.			
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 1-11]			
* Preputial Gland		Atrophy	Mild
	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 533
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500550

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Moderate
* Spleen		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 637
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500551

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-5+12]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Testes		Mineralization	Minimal
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Atrophy	Marked
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urin Bladder			
Note: TGL#2-NCL: Accumulation, documented at necropsy, washed out of bladder while cutting at trim.			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
Ductus Deferens		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Marked
	Papilla	Necrosis	Marked
[Infiltration Cellular TGLS = 2-4]			
[Inflammation TGLS = 2-4]			
* Liver		Inflammation	Chronic Active, Mild
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 700
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500552

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Carcinoma	Metastatic (Urethra)
		Fibrosis	Mild
	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
* Spleen		Atrophy	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Coagulating Gland Inflammation;Kidney Inflammation;Kidney Papilla Necrosis;Seminal Vesicle Inflammation

Animal Note: TGL=3 NCL (No Correlating Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 548
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
[Fibrosis TGLS = 1-8]			
[Inflammation TGLS = 1-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 548
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500553

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Stom Forestom			
Note: TGL#2-11-NCL: Forestomach section is mildly autolytic and considered to be within normal limits histologically.			
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Testes	* Thymus
* Thyroid Gland	* Trachea	Ureter	

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Infiltration Cellular	Lymphoid, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Atrophy	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500555

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	Ureter	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1,2,3-11+12+13]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 728
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500556

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-5+14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500557

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Marked
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Thymus		Atrophy	Marked
Ureter		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 10 MG/KG	**DISP:** Dosing Accident	**HISTO:** 0500558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Eye	* Gallbladder	* 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	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Brain	Neuron	Necrosis	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
		Necrosis	Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Glomerulus	Amyloid Deposition	Minimal
		Nephropathy	Moderate
* Liver		Amyloid Deposition	Minimal
		Hematopoietic Cell Proliferation	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 5-12]			
* Lymph Node, Mandibular		Hematopoietic Cell Proliferation	Marked
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
[Atrophy TGLS = 3-9]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 590
	DOSE: 10 MG/KG	**DISP:** Dosing Accident	**HISTO:** 0500558

ORGAN AND ACCOUNTABLE SITE STATUS

[Ectasia TGLS = 3-9]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-5+13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
	Epithelium	Ulcer	Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Mineralization	Mild
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Fibrosis	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Testes			

Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500559

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500560

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti -unilateral- normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 594
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 1-4]			
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Tension Lipidosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
[Carcinoma TGLS = 3-10+11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 594
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500561

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
[Carcinoma TGLS = 3-10+11]			
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti -unilateral- normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 3-10+11]			
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 437
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Marked
		Inflammation	Chronic Active, Marked
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Marked
		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-4]			
* Liver		Hepatocellular Adenoma	Multiple
		Tension Lipidosis	Marked
[Hepatocellular Adenoma TGLS = 1,2-11+12]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Fibrosis	Moderate
		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 437
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500562

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibrosis	Marked
		Inflammation	Chronic Active, Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Marked
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked
	Thymocyte	Necrosis	Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

Animal Note: TGL=4 NCL (No Correlating Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 64
	DOSE: 10 MG/KG	**DISP:** Accidentally Killed	**HISTO:** 0500563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Coagulating Gland	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Kidney	Renal Tubule	Dilatation	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Nose		Hemorrhage	Marked
		Inflammation	Chronic Active, Mild
Note: TGL#1-11: Fracture not a choice in the current TDMS lexicon. [Hemorrhage TGLS = 1-11]			
* Skin		Hemorrhage	Minimal
Note: Blood from nose on skin. [Hemorrhage TGLS = 2-11]			
* Spleen	Lymph Follic	Necrosis	Lymphoid, Mild
* Thymus	Thymocyte	Necrosis	Mild

PRIMARY CAUSE OF DEATH - Nose Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Spleen
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Hydronephrosis	Moderate
		Infarct	Marked
		Mineralization	Minimal
		Nephropathy	Minimal
[Hydronephrosis TGLS = 2-11]			
* Liver		Hepatocellular Adenoma	
		Inflammation	Chronic Active, Mild
[Hepatocellular Adenoma TGLS = 3-12]			
* Pancreas		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500564

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1,4-5+13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 1,4-5+13]			
* Testes			
Note: Rete testes with adjacent tubuli recti -unilateral- normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Stomach, Forestomach	Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Urethra Transit Epithe	Carcinoma

Animal Note: TGL=1 NCL (No Correlating Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Marked
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500565

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 529
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Glomerulus	Amyloid Deposition	Minimal
	Renal Tubule	Dilatation	Mild
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Inflammation	Chronic Active, Moderate
	Fat	Necrosis	Marked
[Inflammation TGLS = 3-12]			
[Necrosis TGLS = 3-12]			
* Preputial Gland		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 529
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500566

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
	Dermis	Fibrosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

Animal Note: TGL=4 NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 519
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
[Dilatation TGLS = 1-4]			
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-11+11A]			
* Preputial Gland		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 519
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500567

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Moderate
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-5+11+11A]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Minimal
Ureter		Dilatation	Marked
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Ileum		Carcinoma	
[Carcinoma TGLS = 4-13]			
* Kidney	Glomerulus	Amyloid Deposition	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2,3-12+14]			
[Hepatocellular Carcinoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500568

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Alveolar/Bronchiolar Adenoma	
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
		Inflammation	Chronic Active, Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 5-15]			
[Inflammation TGLS = 5-15]			
[Ulcer TGLS = 5,6-15+16]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Cyst	Mild
		Granuloma Sperm	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Marked
		Mineralization	Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 2-4]			
* Liver		Congestion	Marked
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
		Tension Lipidosis	Moderate
[Congestion TGLS = 4-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 659
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500569

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Adenoma TGLS = 3,6-11+13]			
[Hepatocellular Carcinoma TGLS = 3,5-11+12]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Stom Forestom			
Note: TGL#7-14-NCL: Forestomach section is mildly autolytic and considered to be within normal limits histologically.			
* Testes	Germinal Epith	Degeneration	Mild
		Mineralization	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
* Urin Bladder			
Note: TGL#1-4-NCL:\Gross observation only. Urinary bladder was distended with urine at necropsy. Urine leaked out at trim			
Note: Dilatation is not a term for urinary bladder in the current NTP lexicon. Urinary bladder considered to be within normal limits histologically.			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Preputial Gland	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 1-4]			
* Liver		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500570

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Mild
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Skin	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	Ureter

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Minimal
		Nephropathy	Mild
[Dilatation TGLS = 2-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Tension Lipidosis	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500571

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 3-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Moderate
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 553
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney		Mineralization	Minimal
* Liver		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-12]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 553
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500572

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Degeneration	Mild
		Mineralization	Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Seminal Vesicle	Skeletal Muscle	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Infiltration Cellular	Lymphoid, Mild
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-11+12]			
[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 1,2-11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500573

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Eye	Cornea	Pigmentation	Minimal
[Pigmentation TGLS = 3-7]			
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Marked
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 4-4]			
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	

Note: An additional microscopic hepatocellular adenoma is also located on slide #03.
[Hepatocellular Adenoma TGLS = 5-13]
[Hepatocellular Carcinoma TGLS = 6-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 716
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500574

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-13]			
* Lymph Node, Mandibular		Necrosis	Lymphoid, Moderate
* Preputial Gland		Atrophy	Mild
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
Ureter	Transit Epithe	Carcinoma	
		Dilatation	Marked
[Carcinoma TGLS = 1-12]			
* Urethra	Transit Epithe	Carcinoma	
* Urin Bladder			
Note: TGL#2-4-NCL: Urinary bladder dilated due to being filled with urine at necropsy. urinary bladder considered to be within normal limits histologically,			

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 2-11]			
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500575

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-5]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Parathyroid Gland
* Pituitary Gland	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Marked
	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Marked
		Inflammation	Chronic Active, Marked
* Eye		Atrophy	Mild
[Atrophy TGLS = 1-7]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Moderate
[Nephropathy TGLS = 2-4]			
* Liver		Hematopoietic Cell Proliferation	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500576

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4-11]			
* Pancreas		Inflammation	Chronic Active, Marked
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
[Carcinoma TGLS = 5-10]			
[Inflammation TGLS = 5-10]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Marked
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-5+12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Marked
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500576

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Skin	* Spleen
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 1-11]			
[Hepatocellular Adenoma TGLS = 2-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	Multiple
	Alveolar Epith	Hyperplasia	Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 3-13]			
* Prostate		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500577

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-5+14]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
Ureter		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 169
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Coagulating Gland	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	Skeletal Muscle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
Ureter	* Urethra	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Liver		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Testes			

Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 169
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500578

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 567
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500579

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-5+11]			
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Minimal
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 577
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Moderate
		Nephropathy	Moderate
[Dilatation TGLS = 1-4]			
[Hydronephrosis TGLS = 3-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
* Lung		Carcinoma	Metastatic (Urethra)
Mesentery		Carcinoma	Metastatic (Urethra)
	Fat	Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 577
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500580

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-11]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
[Fibrosis TGLS = 4-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-5+13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Marked
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
		Dilatation	Marked
[Carcinoma TGLS = 5-12]			
[Dilatation TGLS = 5-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 577
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500580

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
* Liver		Tension Lipidosis	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Testes			

Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 288
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500581

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 381
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Inflammation	Chronic Active, Mild
* Kidney		Hydronephrosis	Mild
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
[Inflammation TGLS = 2-4]			
* Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3,4-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 381
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500582

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Kidney Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 326
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Spleen	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
		Mineralization	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
	Hair Follicle	Dilatation	Minimal
	Epidermis	Hyperplasia	Mild
		Inflammation	Acute, Moderate
	Epidermis	Ulcer	Moderate

[Hyperplasia TGLS = 1-11]
[Inflammation TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 326
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500583

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Moderate
		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
Ureter		Dilatation	Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 482
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Mineralization	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Marked
		Mineralization	Minimal
[Hydronephrosis TGLS = 1-4]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 482
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500584

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Mild
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 359
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Mineralization	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild

Note: Enlarged prostate, documented at necropsy, is urethral carcinoma with invasion into prostate and other adjacent accessory sex glands
[Carcinoma TGLS = 2-10+11]

* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 359
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500585

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 2-10+11]			
* Urin Bladder			

Note: TGL#1-4 - NCL: Discoloration, documented at necropsy, not observed at trim, may have been a blood clot that washed away.

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 399
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mandibular	* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 1-4]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
[Dilatation TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 399
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500586

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Moderate
[Hyperplasia TGLS = 4-11]			
[Inflammation TGLS = 4-11]			
[Ulcer TGLS = 4-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Marked
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

Note: TGL#2-4-NCL: Urinary bladder was distended with urine at necropsy. Dilatation not a term for urinary bladder in the current NTP lexicon.

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 445
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
		Thrombosis	Moderate
[Hydronephrosis TGLS = 1,2-4]			
[Thrombosis TGLS = 2-4]			
* Liver		Inflammation	Chronic Active, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 445
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500587

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
* Thymus		Atrophy	Marked
Ureter		Dilatation	Marked
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Carcinoma	Metastatic (Urethra)
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 221
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Minimal
		Hydronephrosis	Minimal
		Mineralization	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 221
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500588

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 492
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ductus Deferens	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
Mesentery		Carcinoma	Metastatic (Uncertain Primary Site)
Note: Lesion morphologically consistent with stomach neoplasms seen in this study; however, we were unable to demonstrate the primary neoplasm from this animal.			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-10+10A]			
[Inflammation TGLS = 1-10+10A]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 492
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500589

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-10+10A]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		
CONTRIBUTORY CAUSE OF DEATH	- Skin Epidermis Ulcer		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 206
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	Ureter
* Urinary Bladder			

MISSING

* Mammary Gland	* Thymus

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Marked
	Epithelium	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
* Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Marked
	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 206
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500590

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Hair Follicle	Dilatation	Moderate
	Subcut Tiss	Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 470
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Mild
* Liver		Tension Lipidosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 470
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500591

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Marked
		Cyst	Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 380
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Nephropathy	Minimal
[Hydronephrosis TGLS = 3-4]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 5-12]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
Note: TGL#4-10+11: Enlarged prostate, documented at trim, is urethral/urethral gland carcinoma histologically. Lesion coded under urethra			
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
[Dilatation TGLS = 1-10+11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 380
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500592

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Moderate
* Spleen		Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
Note: Forestomach epithelial hyperplasia also on slide #05.			
[Hyperplasia TGLS = 6-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Moderate
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
		Dilatation	Marked
[Carcinoma TGLS = 4-10+11]			
* Urin Bladder			
Note: TGL#2-4-NCL: Urinary bladder was distended with urine at necropsy, Dilatation not a term for urinary bladder in the current NTP lexicon.			
Note: Urinary bladder considered to be within normal limits histologically,			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 414
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Marked
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 2-4]			
[Hydronephrosis TGLS = 1-4]			
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 414
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500593

ORGAN AND ACCOUNTABLE SITE STATUS

* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
Ureter		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 250
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	Skeletal Muscle	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stom Forestom			
Note: TGL#1-11-NCL: Forestomach section is moderately autolytic and considered to be within normal limits histologically			
* Thymus		Atrophy	Marked
Ureter		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH	- Seminal Vesicle Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Coagulating Gland Inflammation;Prostate Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 406
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Ear	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Mild
* Eye			
Note: Optic nerve not found in block or wet tissue.			
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Preputial Gland	Duct	Ectasia	Marked
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
[Dilatation TGLS = 2-8]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 406
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500595

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urin Bladder			
Note: Urinary bladder considered to be within normal limits histologically.			
Note: TGL#1-4-NCL: Urinary bladder was distended with urine at necropsy. Dilatation not a term for urinary bladder in the current NTP lexicon.			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 528
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Dilatation	Moderate
		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
* Epididymis		Granuloma Sperm	Mild
* Eye		Atrophy	Marked
* Heart		Cardiomyopathy	Minimal
* Int Sm Duoden			

Note: TGL#4-12: Duodenal nodule, documented at trim, is forestomach Squamous cell carcinoma histologically. Lesion coded under forestomach,

* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Marked
		Nephropathy	Mild
[Hydronephrosis TGLS = 2,3-10]			
* Liver		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild

Note: TGL#6-14: Enlarged prostate, documented at trim, is transitional cell carcinoma involving the urethra/urethral glands histologically.Lesion coded under urethra

* Seminal Vesicle		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 528
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500596

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 1-7]			
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Carcinoma	
[Hyperplasia TGLS = 5-13]			
[Squamous Cell Carcinoma TGLS = 4-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
Note: TGL#5-13: Glandular stomach nodule, documented at trim, is forestomach epithelial hyperplasia histologically involving the limiting ridge.			
Note: Lesion coded under forestomach.			
* Thymus		Atrophy	Marked
Ureter		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 6-14]			
* Urinary Bladder		Carcinoma	Metastatic (Urethra)

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Hydronephrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-7]			
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Nephropathy	Mild
[Dilatation TGLS = 1-4]			
[Nephropathy TGLS = 1-4]			
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500597

ORGAN AND ACCOUNTABLE SITE STATUS

		Dilatation	Moderate
		Fibrosis	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
* Thymus		Cyst	Multiple, Mild
	Thymocyte	Necrosis	Moderate
Ureter		Dilatation	Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 519
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Cardiomyopathy	Minimal
		Necrosis	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Minimal
* Liver		Mixed Cell Focus	
		Tension Lipidosis	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild

Note: TGL#2-8: Discolored prostate, documented at necropsy, is urethra/ urethral glands carcinoma histologically with extension into prostate. Coded under urethra.

* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 519
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500598

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
Note: TGL#1-11: Glandular stomach nodule, documented at trim,is fore- stomach squamous epithelial hyperplasia histologically involving the limiting ridge.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Marked
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 2-8]			
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 261
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Mild
[Dilatation TGLS = 1-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Moderate
	Epithelium	Hyperplasia	Focal, Minimal
		Mineralization	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 261
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500599

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 508
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Inflammation	Acute, Minimal
		Nephropathy	Minimal
		Thrombosis	Minimal
[Dilatation TGLS = 2-4]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 508
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500600

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500601

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Moderate
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Harderian Gland		Degeneration	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney	Glomerulus	Amyloid Deposition	Minimal
	Renal Tubule	Dilatation	Mild
		Mineralization	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500602

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Moderate
	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Moderate
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Testes	* Thyroid Gland
* Trachea	Ureter		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 366
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500603

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-11]			
[Inflammation TGLS = 1,2-11]			
[Ulcer TGLS = 1,2-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-5+12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 372
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Necrosis	Mild
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 2-4]			
* Liver		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
* Preputial Gland		Atrophy	Marked
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 372
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500604

ORGAN AND ACCOUNTABLE SITE STATUS

		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-5+12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
[Carcinoma TGLS = 1-11A]			
[Inflammation TGLS = 1-11A]			
* Urethra	Transit Epithe	Carcinoma	
* Urin Bladder			
Note: TGL#3-4-NCL: Gross observation only. Urinary bladder was distended with urine at necropsy. Dilatation not a term for urinary bladder in the current NTP lexicon.			
Note: Urinary bladder considered to be within normal limits histologically,			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 233
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Mild
[Dilatation TGLS = 1,2-4]			
* Liver		Tension Lipidosis	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 233
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500605

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Trachea	Epithelium	Mineralization	Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 254
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Minimal
[Dilatation TGLS = 1-4]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Moderate
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 254
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500606

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Mild
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 392
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 3-4]			
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 392
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500607

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Moderate
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
* Urin Bladder			

Note: TGL#1-4-NCL: Dark spot, documented at necropsy, was blood that washed away with urine when the bladder was trimmed.

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 388
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Int Sm Duoden			
Note: TGL#2-11: Duodenal nodules, documented at necropsy, are squamous cell carcinoma of the forestomach histologically, Lesion coded under forestomach.			
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Mild
[Dilatation TGLS = 1-4]			
* Liver		Tension Lipidosis	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 388
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500608

ORGAN AND ACCOUNTABLE SITE STATUS

	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Carcinoma	
[Hyperplasia TGLS = 3-5+11]			
[Squamous Cell Carcinoma TGLS = 2-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
	Thymocyte	Necrosis	Minimal
Ureter		Dilatation	Marked
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 337
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Mineralization	Mild
* Liver		Congestion	Moderate
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Congestion TGLS = 1,2-4+11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Testes	Germinal Epith	Degeneration	Mild
		Mineralization	Mild
* Thymus		Atrophy	Marked
Ureter		Inflammation	Chronic Active, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 337
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500609

ORGAN AND ACCOUNTABLE SITE STATUS

* Urethra	Transit Epithe	Carcinoma
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Moderate
		Mineralization	Mild
		Nephropathy	Minimal
[Dilatation TGLS = 1-4]			
* Liver		Tension Lipidosis	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 4-12]			
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500610

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibrosis	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-10]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
Note: TGL#2-10: Glandular stomach nodule, documented at trim, is fore- stomach epithelial hyperplasia histologically involving the limiting ridge.			
* Testes			
Note: Rete testes with adjacent tubuli recti - bilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
* Urethra	Transit Epithe	Carcinoma	
		Dilatation	Marked
[Carcinoma TGLS = 3,4-12]			
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 469
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Heart		Cardiomyopathy	Moderate
		Inflammation	Chronic Active, Marked
Note: Aortic valve contains large amount of bacterial colonies, fibrin, and inflammatory cells. Consistent with a diagnosis of vegetative valvular endocarditis.			
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
		Inflammation	Acute, Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Nephropathy TGLS = 3-4]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Mild
Mesentery	Fat	Inflammation	Chronic Active, Marked
* Preputial Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 469
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500611

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Marked
[Carcinoma TGLS = 1-9]			
[Inflammation TGLS = 1-9]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 416
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Marked
		Inflammation	Chronic Active, Marked
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Carcinoma	Metastatic (Urethra)
	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Marked
		Inflammation	Acute, Moderate
		Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Marked
[Hydronephrosis TGLS = 3-4]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Marked
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 416
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500612

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibrosis	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Marked
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 2-11]			
* Urin Bladder			
Note: Urinary bladder considered to be within normal limits histologically.			
Note: TGL#1-4-NCL: Gross observation only. Urinary bladder was dilated with urine at necropsy. Dilatation is not a term for urinary bladder in the current NTP lexicon			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 470
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Moderate
* Kidney		Mineralization	Mild
		Thrombosis	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 470
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500613

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded			
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Moderate
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 340
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ductus Deferens	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Testes
* Thyroid Gland	* Trachea	Ureter	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Bilateral	Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked

[Hyperplasia TGLS = 1-11]
[Inflammation TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 340
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500614

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Cyst	Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Epidermis Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 490
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
		Thrombosis	Moderate
* Liver		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 490
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500615

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibrosis	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Moderate
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 242
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
* Liver		Tension Lipidosis	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-5+11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 242
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500616

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked
		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 512
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Granuloma Sperm	Moderate
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 1-4]			
* Liver		Tension Lipidosis	Mild
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 512
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500617

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Testes	Germinal Epith	Degeneration	Mild
		Mineralization	Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 413
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Ductus Deferens	* Epididymis
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Salivary Glands	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
* Liver		Tension Lipidosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 413
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500618

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-11]			
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Moderate
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 235
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Moderate
		Nephropathy	Minimal
[Dilatation TGLS = 1-4]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 235
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500619

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
	Thymocyte	Necrosis	Moderate
Ureter		Dilatation	Mild
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

Animal Note: TGL=2 NCL (No Correlating Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Pancreas		Inflammation	Chronic Active, Mild
* Prostate		Carcinoma	Metastatic (Urethra)
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 510
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500620

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-11]			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
[Atrophy TGLS = 2-6]			
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Mild
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 430
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	Ductus Deferens
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Testes	* Thyroid Gland
* Trachea			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
* Epididymis		Granuloma Sperm	Marked
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Moderate
	Pelvis	Hyperplasia	Mild
[Dilatation TGLS = 2-4]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 3-10+11]			
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Marked
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 430
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500621

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Moderate
	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder		Carcinoma	Metastatic (Urethra)
Note: TGL#1-4-NCL: Gross observation only. Urinary bladder distended with urine at necropsy, Dilatation is not a term for urinary bladder in current NTP lexicon.			
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 491
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	Ductus Deferens	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Mild
		Hydronephrosis	Mild
		Mineralization	Minimal
* Liver		Tension Lipidosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 491
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500622

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
Ureter		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 427
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Marked
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Mixed Cell Focus	
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 1-11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 427
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500623

ORGAN AND ACCOUNTABLE SITE STATUS

		Dilatation	Marked
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 371
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	Ductus Deferens
* Epididymis	* Esophagus	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
* Eye		Atrophy	Marked
[Atrophy TGLS = 1-7]			
* Heart		Necrosis	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Mineralization	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 2,3-11+12]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 371
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500624

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Thymus		Atrophy	Marked
Ureter		Dilatation	Mild
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Moderate
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 2-11]			
* Prostate		Carcinoma	Metastatic (Urethra)
		Fibrosis	Moderate
		Inflammation	Chronic Active, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500625

ORGAN AND ACCOUNTABLE SITE STATUS

		Fibrosis	Marked
		Inflammation	Chronic Active, Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Moderate
Ureter		Dilatation	Mild
* Urethra	Transit Epithe	Carcinoma	
* Urin Bladder			
Note: Urinary bladder considered to be within normal limits histologically.			
Note: TGL#1-4-NCL: Gross diagnosis only. Urine discolored at necropsy lost during trim and processing. Unable to view microscopically.			

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 376
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Intestine Large, Rectum		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
[Dilatation TGLS = 2-4]			
* Liver		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Multiple, Mild
* Preputial Gland		Atrophy	Mild
	Duct	Ectasia	Mild
[Ectasia TGLS = 1-9]			
* Prostate		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 376
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500626

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 3-10+11]			
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	
		Squamous Cell Papilloma	
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Mild
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Mild
* Epididymis		Infiltration Cellular	Lymphoid, Minimal
* Eye			
Note: Optic nerve not found in block or wet tissue.			
* Kidney	Renal Tubule	Dilatation	Minimal
		Hydronephrosis	Minimal
		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Mild
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 357
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500627

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-5+11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Testes	Germinal Epith	Degeneration	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 484
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney		Mineralization	Mild
* Liver		Hepatocellular Adenoma	
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked
		Fibrosis	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Atrophy	Marked
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 484
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500628

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH - Urethra Transit Epithe Carcinoma

Animal Note: All tissues examined microscopically from this animal were mildly to markedly au tolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 451
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Spleen

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Minimal
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Inflammation	Chronic Active, Minimal
Ductus Deferens		Carcinoma	Metastatic (Urethra)
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Mineralization	Mild
		Nephropathy	Minimal
[Dilatation TGLS = 3-4]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-11]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Atrophy	Mild
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 451
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500629

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Carcinoma	Metastatic (Urethra)
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Moderate
* Urethra	Transit Epithe	Carcinoma	

PRIMARY CAUSE OF DEATH	- Skin Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Skin Epidermis Hyperplasia;Skin Epidermis Ulcer;Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 315
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	Ductus Deferens	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
Coagulating Gland		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
		Fibrosis	Moderate
		Inflammation	Chronic Active, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Inflammation	Chronic Active, Mild
		Mineralization	Mild
[Dilatation TGLS = 1-4]			
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Atrophy	Moderate
	Duct	Ectasia	Moderate
* Prostate		Carcinoma	Metastatic (Urethra)
		Inflammation	Chronic Active, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Seminal Vesicle		Carcinoma	Metastatic (Urethra)
		Dilatation	Moderate
Skeletal Muscle		Carcinoma	Metastatic (Urethra)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 315
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500630

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Testes			
Note: Rete testes with adjacent tubuli recti - unilateral - normal, not coded.			
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Moderate
Ureter		Dilatation	Moderate
		Inflammation	Chronic Active, Marked
* Urethra	Transit Epithe	Carcinoma	
PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 667
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
* Skin	Sebaceous Gl	Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Clitoral Gland		Atrophy	Marked
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
* Thymus		Cyst	Moderate
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Stomach, Forestomach	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-7]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
Note: TGL#5-13+13REE-NCL: Liver nodule, documented at trim, not demonstrated histologically.			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 4-11]			
* Skin	Subcut Tiss	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500633

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-14]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary			
Note: TGL#1-8-NCL: Ovarian cyst, documented at necropsy, not demonstrated histologically.			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 474
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Mild
* Liver		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Necrosis	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Necrosis	Lymphoid, Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
		Cyst	Mild
	Thymocyte	Necrosis	Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Kidney Infarct

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 4-12]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500636

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma	
[Hyperplasia TGLS = 5-13]			
[Squamous Cell Papilloma TGLS = 5-13]			
* Thymus		Cyst	Multiple, Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
Note: Only one clitoral gland available for histologic examination.			
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Note: Only one adrenal gland available for histological examination.			
* Bone Marrow		Myelofibrosis	Mild
* Brain	Neuron	Necrosis	Minimal
* Clitoral Gland		Atrophy	Marked
		Inflammation	Chronic Active, Mild
* Eye		Atrophy	Marked
Note: Only one eye available for histologic examination.			
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Islets, Pancreatic		Adenoma	
Note: Pancreatic islet lesion on slide #06.			
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	Vagina		

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Subcapsular	Hyperplasia	Marked
* Adrenal Medulla		Histiocytic Sarcoma	
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Adenoma	
* Heart		Mineralization	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2,3,4-3+4+5+12+13]			
* Lung		Histiocytic Sarcoma	
Lymph Node	Mediastinal	Histiocytic Sarcoma	
* Nose	Glands, Olfactory Epi	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Mild
* Ovary		Atrophy	Marked
		Histiocytic Sarcoma	
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
* Uterus		Histiocytic Sarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500639

ORGAN AND ACCOUNTABLE SITE STATUS

	Endometrium	Hyperplasia	Cystic, Moderate
[Histiocytic Sarcoma TGLS = 5-11]			

PRIMARY CAUSE OF DEATH	- Uterus Histiocytic Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Stomach, Forestomach		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 269
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urethra		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gl			
Note: Only one clitoral gland available for histologic examination.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Inflammation	Chronic Active, Minimal
* Ovary		Teratoma Benign	
[Teratoma Benign TGLS = 1-8]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate

PRIMARY CAUSE OF DEATH - Ovary Teratoma Benign

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen	Lymph Follic	Hyperplasia	Marked
[Hyperplasia TGLS = 2-4+16; 3-16]			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			
Vagina		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hypertrophy	Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 2-12]			
[Hepatocellular Adenoma TGLS = 3-13]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Nose		Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Moderate
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500643

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Parathyroid Gl			
Note: Parathyroid gland tissue on slide #06 with thymus.			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
		Ectopic Thyroid	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Harderian Gland		Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Moderate
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 583
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Glandular	* Trachea	* Urethra
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
Mesentery	Fat	Cyst	Marked
[Cyst TGLS = 2-11]			
* Ovary		Angiectasis	Mild
		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
	Epithelium	Ulcer	Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Bone	* Bone Marrow	* Nose	
MISSING			
* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	* Uterus	Vagina	
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urethra	* Uterus	Vagina	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
		Carcinoma	
[Carcinoma TGLS = 2,3-11+12]			
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Mild
* Lung		Carcinoma	Metastatic (Clitoral Gland)
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Hair Follicle	Dilatation	Minimal

Note: TGL#2,3-11+12: Skin masses, documented at necropsy, are clitoral gland carcinomas histologically. Lesions coded under clitoral gland.

* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 610
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500648

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-4]		
* Urinary Bladder	Infiltration Cellular	Lymphoid, Mild

PRIMARY CAUSE OF DEATH - Clitoral Gland Carcinoma

Animal Note: TGL=2,3 NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 587
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* 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, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain	Neuron	Necrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Eye			
Note: Optic nerve not found in block or wet tissue.			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH - Brain Neuron Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Thyroid Gland
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Moderate
	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-11]			
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-7]			
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Moderate
Lymph Node	Bronchial	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Marked
[Hyperplasia TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Mast Cell, Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500650

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
* Ovary		Atrophy	Moderate
		Cyst	Mild
[Cyst TGLS = 2-8]			
* Spleen	Lymph Follic	Hyperplasia	Marked
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			
Vagina	Epithelium	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500651

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

Animal Note: TGL=3 NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Cyst	Moderate
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Atrophy	Mild
		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Eye			
Note: Left eye missing at necropsy.			
* Harderian Gland		Atrophy	Moderate
		Infiltration Cellular	Lymphoid, Moderate
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Gallbladder		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
		Cystadenoma	
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Adenoma TGLS = 1-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
		Cyst	Moderate
		Hemangioma	
[Cyst TGLS = 2-8]			
[Hemangioma TGLS = 2-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500655

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Cyst	Mild
		Pigmentation	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 546
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
Skeletal Muscle		Schwannoma Malignant	Metastatic (Skin)
Note: TGL#1-11: Skeletal muscle mass, documented at necropsy, is a subcutaneous malig. schwannoma with invasion of adjacent skeletal muscle. Lesion coded under skin.			
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Infiltration Cellular	Lymphoid, Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 1-3]			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urethra
Vagina			
OBSERVATIONS			
* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Pancreas		Basophilic Focus	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
Skeletal Muscle		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			
Vagina	Epithelium	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 558
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder	* Uterus	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 2-3+4+5]			
* Lung		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
[Rhabdomyosarcoma TGLS = 3-12]			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
Skeletal Muscle		Rhabdomyosarcoma	
[Rhabdomyosarcoma TGLS = 4-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* 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	* Skin
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Cortex	Cyst	Mild
		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
* Lung		Infiltration Cellular	Lymphoid, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Nose		Inflammation	Chronic Active, Moderate
* Ovary		Cyst	Mild
[Cyst TGLS = 2-8]			
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
* Thymus		Ectopic Parathyroid Gland	Mild
		Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500664

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Mild
		Ectopic Thymus	Mild
Tooth		Malformation	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-11]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 716
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urethra	Vagina		

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Carcinoma	Metastatic (Islets, Pancreatic)
	Subcapsular	Hyperplasia	Moderate
Blood Vessel	Aorta	Mineralization	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Intestine Large, Rectum		Inflammation	Chronic Active, Moderate
* Islets, Pancreatic		Carcinoma	
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Carcinoma	Metastatic (Islets, Pancreatic)
		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Carcinoma TGLS = 1-11]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	Artery, Mediastinum	Mineralization	Mild
[Hepatocellular Carcinoma TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 716
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500666

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Carcinoma	Metastatic (Islets, Pancreatic)
[Carcinoma TGLS = 3-13]			
* Ovary		Atrophy	Marked
* Pancreas		Carcinoma	Metastatic (Islets, Pancreatic)
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Mineralization	Minimal
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Islets, Pancreatic Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Carcinoma Islets;Pancreatic;Lung Hepatocellular Carcinoma Liver;Mesentery Carcinoma Islets;Pancreatic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Mesentery	Fat	Fibrosis	Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
* Thymus		Cyst	Multiple, Mild
		Thymoma Benign	
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urethra	Vagina

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
* Thymus		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Ovary		Cyst	Mild
		Cystadenoma	
Note: Only one ovary available for histologic examination.			
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500670

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 1-4]			
[Lymphoma Malignant TGLS = 1-4]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* 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	* Pituitary Gland
* Stomach, Forestomach	* Trachea	* Urethra	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Mild
[Adenoma TGLS = 1-7]			
* Kidney		Infiltration Cellular	Lymphoid, Mild
* Liver		Infiltration Cellular	Lymphoid, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Infiltration Cellular	Lymphoid, Moderate
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Pigmentation	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500671

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Lymphoid, Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Infiltration Cellular	Lymphoid, Mild
[Hyperplasia TGLS = 2-8]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Moderate
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Glandular	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Brain		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Moderate
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-12]			
[Hepatocellular Carcinoma TGLS = 1-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
		Infiltration Cellular	Lymphoid, Mild
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 4-13]			
* Ovary		Atrophy	Marked
		Infiltration Cellular	Lymphoid, Mild

Note: Only one ovary available for histological examination.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500673

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland		Infiltration Cellular	Lymphoid, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-8]			
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
		Inflammation	Chronic Active, Minimal
Ear		Inflammation	Chronic Active, Minimal
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Angiectasis	Mild
		Atrophy	Moderate
* Skin	Sebaceous Gl	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Ectopic Parathyroid Gland	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
		Tension Lipidosis	Marked
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Lymph Node		Fibrosarcoma	Metastatic (Skin)
Note: TGL#2-12 refers to axillary lymph node.			
[Fibrosarcoma TGLS = 2-12]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Marked
		Cyst	Multiple, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Mild
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 606
	DOSE: 0 MG/KG	**DISP:** Natural Death	**HISTO:** 0500675

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Angiectasis	Moderate
		Atrophy	Moderate
* Spleen	Lymph Follic	Hyperplasia	Moderate
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 4
	DOSE: 0 MG/KG	**DISP:** Dosing Accident	**HISTO:** 0500677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	* Uterus	Vagina	

OBSERVATIONS

* Esophagus		Perforation	
[Perforation TGLS = 1-11]			
* Lung	Mediastinum	Inflammation	Moderate
* Mammary Gl			
Note: Mammary gland tissue with sections of clitoral glands.			
* Skin	Epidermis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Skin	* Spleen	* Stomach, Glandular	* Trachea
* Urethra	Vagina		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Brain		Compression	Marked
		Hydrocephalus	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney	Cortex	Cyst	Multiple, Mild
	Renal Tubule	Dilatation	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Nose		Inflammation	Chronic Active, Moderate
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-6]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Stomach, Forestomach		Infiltration Cellular	Lymphoid, Minimal
		Squamous Cell Papilloma	
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Bilateral, Follicular Cel	Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: 0 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500678

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 3-3]			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Brain Compression;Brain Hydrocephalus

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urethra	Vagina

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-8]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 0 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Minimal
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 675
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urethra
* Uterus	Vagina		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Kidney		Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 3-3+4+5]			
* Ovary		Atrophy	Marked
Note: Only one ovary available for histologic examination.			
* Skin	Epidermis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Spleen		Atrophy	Marked
[Atrophy TGLS = 2-4]			
* Stom Forestom			
Note: TGL#4-12-NCL: Forestomach tissue is moderately autolytic but is considered to be within normal limits histologically.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 675
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500681

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Ovary		Atrophy	Marked
* Skin	Sebaceous Gl	Atrophy	Moderate
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
Note: TGL#1-11-NCL: This forestomach tissue section is considered to be within normal limits histologically.			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Ulcer	Moderate
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Trachea
* Urethra	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TGL=1 NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Ovary		Atrophy	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Minimal
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500684

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Cyst	Multiple, Moderate
		Ectopic Parathyroid Gland	Minimal
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Atrophy	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Mineralization	Minimal
* Thymus		Cyst	Multiple, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	Vagina		

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Multiple, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Metaplasia	Osseous, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-11]			
* Ovary		Atrophy	Moderate
		Cyst	Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Minimal
		Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500688

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Cyst	Moderate
	Endometrium	Hyperplasia	Cystic, Marked
[Cyst TGLS = 2-8]			
[Hyperplasia TGLS = 3-8]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urethra	* Uterus		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Schwannoma Malignant	Metastatic (Skin)
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-7]			
* Islets, Pancreatic		Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 2-12]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Schwannoma Malignant	Metastatic (Skin)
* Lung	Mediastinum	Schwannoma Malignant	Metastatic (Skin)
Lymph Node	Mediastinal	Schwannoma Malignant	Metastatic (Skin)
	Pancreatic	Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 2-12]			
* Mammary Gl			
Note: TGL#1-11: Mammary gland mass, documented at necropsy, is a subcutaneous malig. Schwannoma histologically. Lesion coded under skin.			
Mesentery		Schwannoma Malignant	Metastatic (Skin)
* Ovary		Atrophy	Moderate
* Pancreas		Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 2-12]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500689

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked
		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
Vagina		Schwannoma Malignant	Metastatic (Skin)

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 459
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra
* Uterus	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Brain	Meninges	Hemorrhage	Mild
		Histiocytic Sarcoma	
[Hemorrhage TGLS = 1,2-11+12]			
[Histiocytic Sarcoma TGLS = 1,2-11+12]			
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Heart		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-4+14 - 6-4+15]			
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 4-3+4+5]			
* Mammary Gl			
Note: TGL#3-13: Mammary gland mass, documented at necropsy, is subcutaneous histocytic sarcoma histologically. Lesion coded under skin.			
* Ovary		Atrophy	Marked
		Histiocytic Sarcoma	
* Skin	Sebaceous Gl	Atrophy	Moderate
	Subcut Tiss	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 459
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500690

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
* Urethra		
Note: Urethral epithelium sloughed into lumen.		
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: Many of the tissues examined microscopically from this animal were mildly to mar kedly autolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Glandular	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Osteosarcoma	
[Osteosarcoma TGLS = 1-11]			
* Clitoral Gland	Duct	Cyst	Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 3-5]			
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-12+13]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500691

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina			

Note: TGL#1-11: Vaginal mass, documented at necropsy, is osteosarcoma histologically arising from adjacent bone tissue, Vagina is normal. Lesion coded under bone.

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Schwannoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Bone Osteosarcoma

Animal Note: TGL#2-12+13: Skeletal muscle masses, documented at necropsy, are subcutaneous ma lig. Schwannomas histologically. Lesion coded under skin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Tension Lipidosis	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Pigmentation	Mild
[Hyperplasia TGLS = 1-11]			
[Pigmentation TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 2,3-12+13]			
[Inflammation TGLS = 2,3-12+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500692

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 2,3-12+13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 5-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
Note: TGL#5-14: Glandular stomach mass, documented at trim, is squamous cell carcinoma involving the forestomach histologically. Lesion coded under forestomach.			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer	
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach	Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 716
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Trachea
* Urethra	* Urinary Bladder	Vagina	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
[Cyst TGLS = 1-9]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-16]			
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
		Lymphoma Malignant	

Note: TGL#2-11: Refers to axillary lymph node.
[Lymphoma Malignant TGLS = 8-15]
[Lymphoma Malignant TGLS = 2-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 716
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500693

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 7-14]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-13]			
Mesentery		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Skin	Sebaceous Gl	Atrophy	Moderate
	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Mild
[Hyperplasia TGLS = 10-5+17]			
* Stomach, Glandular	Epithelium	Erosion	Mild
	Epithelium	Hyperplasia	Focal, Minimal
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Lymphoma Malignant	
[Hyperplasia TGLS = 5-8]			
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Papilla	Necrosis	Marked
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic Active, Minimal
[Alveolar/Bronchiolar Adenoma TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Multiple, Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500694

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 674
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Harderian Gland		Lymphoma Malignant	
* Kidney		Infarct	Marked
		Lymphoma Malignant	
* Liver		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 2-11]			
[Lymphoma Malignant TGLS = 3-3+5]			
* Lung	Alveolar Epith	Hyperplasia	Minimal
		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
Mesentery		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 674
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500695

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Lymph Node, Mesenteric	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urethra	Vagina	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
Note: Only one clitoral gland available for histologic examination.			
* Heart		Mineralization	Minimal
* Kidney		Mineralization	Moderate
* Liver		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Mineralization	Mild
* Ovary		Atrophy	Marked
* Spleen		Atrophy	Marked
[Atrophy TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
[Inflammation TGLS = 2-11]			
[Ulcer TGLS = 2-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500696

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Stomach, Forestomach Epithelium Ulcer		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Luteoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Thymus		Cyst	Multiple, Marked
		Ectopic Parathyroid Gland	Minimal
		Infiltration Cellular	Histiocyte, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500697

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina		Infiltration Cellular	Polymorphnuclr, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 542
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
	Duct	Cyst	Mild
[Carcinoma TGLS = 1-10]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-10]			
Vagina			

Note: TGL#1-10: Vaginal mass, documented at necropsy, is stromal sarcoma involving the uterine cervix plus a carcinoma involving the clitoral gland.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 542
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500699

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Uterus Sarcoma Stromal
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500700

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	Tissue NOS	Tongue	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Mineralization	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500701

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 566
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urethra	* Uterus	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Moderate
* Lung		Infiltration Cellular	Polymorphnuclr, Marked
* Ovary		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-8]			
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH - Ovary Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 2-9]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
	Bilateral	Cyst	Mild
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
Note: TGL#1-11:Skeletal muscle mass, documented at necropsy, is a subcutaneous fibrosarcoma histologically with invasion into skeletal muscle. Lesion coded under skin			
[Fibrosarcoma TGLS = 1-11]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500703

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Glandular	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Kidney		Infarct	Mild
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 3-3+12]			
* Lung		Inflammation	Chronic Active, Minimal
Mesentery	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-11]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500704

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-13]			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicle	Degeneration	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hemangiosarcoma	
		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 3-13]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Moderate
[Hemangiosarcoma TGLS = 1-11]			
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500705

ORGAN AND ACCOUNTABLE SITE STATUS

	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus		Hemangiosarcoma	
	Endometrium	Hyperplasia	Cystic, Minimal
[Hemangiosarcoma TGLS = 2-12]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Heart		Mineralization	Minimal
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Large, Rectum		Lymphoma Malignant	
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
[Alveolar/Bronchiolar Adenoma TGLS = 5-13]			
Lymph Node	Inguinal	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500706

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
Mesentery		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-12]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-8]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Tension Lipidosis	Mild
[Hepatocellular Adenoma TGLS = 2-12]			
[Mixed Cell Focus TGLS = 3-12]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-13]			
* Ovary		Atrophy	Marked
Note: Only one ovary available for histologic examination.			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500707

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pituitary Gland	* Spleen	* Thymus	* Trachea
* Urethra	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Int Sm Duoden			
Note: TGL#2-11: Duodenal nodule, documented at necropsy, is a pancreatic acinar adenoma histologically. Lesion coded undere pancreas.			
* Kidney		Infiltration Cellular	Lymphoid, Mild
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Adenoma	
[Adenoma TGLS = 2-11]			
* Parathyroid Gland		Cyst	Multiple, Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500708

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fibrous Histiocytoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
[Basophilic Focus TGLS = 2-5]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Ectopic Parathyroid Gland	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500709

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrous Histiocytoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Adenoma TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Harderian Gland		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500711

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL#1-11: Skeletal muscle mass, documented at necropsy, is a subcutaneous fibros arcoma histologically. Lesion coded under skin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Spleen	* Thymus
* Thyroid Gland	* Trachea	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Brain		Compression	Moderate
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Metaplasia	Osseous, Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Basophilic Focus TGLS = 3-12]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Fibrosarcoma	Metastatic (Skin)
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-6]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500712

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Minimal
* Urethra	Transit Epithe	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Cyst	Mild
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Glandular	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Mineralization	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500714

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
		Infiltration Cellular	Lymphoid, Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Marked
		Histiocytic Sarcoma	
		Infarct	Mild
		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Moderate
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-3+4+5]			
* Lung		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urethra	Transit Epithe	Hyperplasia	Mild
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 651
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500715

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLS = 1-11]

Vagina	Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH - Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Infiltration Cellular	Lymphoid, Mild
[Alveolar/Bronchiolar Carcinoma TGLS = 2-12]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Ovary		Atrophy	Moderate
Note: Only one ovary available for histologic examination.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500716

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urethra	Transit Epithe	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Mild
	Duct	Cyst	Mild
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
		Tension Lipidosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Lymphoma Malignant	
[Cyst TGLS = 1-9]			
* Gallbladder		Lymphoma Malignant	
* Intestine Small, Duodenum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 15-20]			
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 16-21]			
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-4]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8,9,10,11-3+4+15+16]			
Lymph Node	Bronchial	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 14-19]			
[Lymphoma Malignant TGLS = 6-14]			
[Lymphoma Malignant TGLS = 5-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500718

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 12-17]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 13-18]			
Mesentery		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
* Skin	Sebaceous Gl	Atrophy	Marked
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-12]			
* Thymus		Lymphoma Malignant	
Ureter		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Urinary Bladder		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Mild
Note: Only one clitoral gland available for histologic examination.			
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Trachea
* Urethra	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Mild
* Bone			
Note: TGL#1-11: Bone mass, documented at necropsy, is subcutaneous fibrosarcoma histologically. Lesion coded under skin.			
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
[Cyst TGLS = 2-9]			
* Heart		Mineralization	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
	Renal Tubule	Dilatation	Mild
		Nephropathy	Moderate
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
[Hepatocellular Adenoma TGLS = 3-3]			
* Lung		Fibrosarcoma	Metastatic (Skin)
	Artery	Mineralization	Minimal
	Artery, Mediastinum	Mineralization	Mild
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Skin)
* Lymph Node, Mesenteric	Artery	Mineralization	Mild
* Ovary		Atrophy	Marked
		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500720

ORGAN AND ACCOUNTABLE SITE STATUS

Peripheral Nerve	Sciatic	Degeneration	Mild
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
* Skin	Sebaceous Gl	Atrophy	Marked
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Carcinoma TGLS = 2-11]			
* Ovary		Atrophy	Moderate
		Cyst	Moderate
* Pancreas	Duct	Cyst	Marked
		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
[Cyst TGLS = 3-13]			
* Thymus		Cyst	Multiple, Minimal
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500721

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-12]			
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urethra
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 2-12]			
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Mineralization	Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-13]			
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500722

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Thymocyte	Necrosis	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
	Follicle	Degeneration	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Trachea	* Urethra		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Large, Cecum		Inflammation	Chronic Active, Marked
		Ulcer	Marked
[Inflammation TGLS = 3-12]			
[Ulcer TGLS = 3-12]			
* Kidney		Infiltration Cellular	Lymphoid, Moderate
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Mild
[Hepatocellular Adenoma TGLS = 1-11]			
Lymph Node	Mediastinal	Hematopoietic Cell Proliferation	Minimal
	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Marked
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500723

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Moderate
[Fibrosis TGLS = 2-12]			
* Stomach, Forestomach	Epithelium	Cyst	Mild
	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Mild
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: TGL=4 NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 2-11]			
* Ovary		Atrophy	Moderate
		Cyst	Mild
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500724

ORGAN AND ACCOUNTABLE SITE STATUS

		Mineralization	Minimal
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Mild
	Subcapsular	Hyperplasia	Mild
		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Intestine Small, Jejunum		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-13]			
* Kidney		Nephropathy	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Mesentery	Fat	Fibrosis	Mild
		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
	Fat	Necrosis	Marked
[Leiomyosarcoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
Note: Only one ovary available for histologic examination.			
* Parathyroid Gland		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500725

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Leiomyosarcoma	Metastatic (Intestine Small, Jejunum)
[Leiomyosarcoma TGLS = 2,4-12+13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Moderate
[Hyperplasia TGLS = 5-14]			
[Ulcer TGLS = 5-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate

PRIMARY CAUSE OF DEATH	- Intestine Small, Jejunum Leiomyosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Mesentery Leiomyosarcoma Intestine Small;Jejunum;Skeletal Muscle Leiomyosarcoma Intestine Small;Jejunum

Animal Note: TGL#1-11: Enlarged iliac L N, documented at necropsy, is metastatic leiomyosarco ma involving mesenteric fat histologically. Lesion coded under mesentery.
Animal Note: Lesion coded under skeletal muscle.
Animal Note: TGL#2-12: Enlarged lumbar L N, documented at necropsy, is metastatic leiomyosarc oma involving skeletal muscle histologically,

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 596
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Mild
	Duct	Cyst	Mild
* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Mild
	Valve	Inflammation	Chronic Active, Marked
Note: Valvular lesion morphologically consistent with a DX of vegatative valvular endocarditis.			
Note: Lesion contains bacterial colonies, fibrin, inflammatory cells and cellular debris.			
* Kidney		Infarct	Moderate
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 596
	DOSE: 3 MG/KG	**DISP:** Natural Death	**HISTO:** 0500726

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 664
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	Peripheral Nerve
* Skin	* Thyroid Gland	Tissue NOS	* Trachea

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Harderian Gland		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Lymphoma Malignant	
[Clear Cell Focus TGLS = 2-15]			
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
* Pituitary Gland		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Lymphoma Malignant	
Spinal Cord		Degeneration	Moderate
		Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 664
	DOSE: 3 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500727

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-16]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
* Urethra	Transit Epithe	Hyperplasia	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH	- Spinal Cord Degeneration
CONTRIBUTORY CAUSE OF DEATH	- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Trachea	* Urethra
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Harderian Gland		Adenoma	
		Hyperplasia	Moderate
[Adenoma TGLS = 2-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			
* Ovary		Atrophy	Moderate
Note: Only one ovary available for histologic examination			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500728

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Skin
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500729

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Moderate
		Mineralization	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Thymus		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 3 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500730

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urethra	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Harderian Gland		Adenoma	
* Heart		Mineralization	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
* Ovary		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 5-14+15]			
Oviduct		Inflammation	Chronic Active, Moderate
* Skin	Subcut Tiss	Fibrosarcoma	
Note: TGL#1-11: Skin mass, documented at necropsy, is vaginal wall involved with stromal sarcoma metstatic from uterus. Lesion coded under vagina.			
[Fibrosarcoma TGLS = 2,3-12+13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500731

ORGAN AND ACCOUNTABLE SITE STATUS

	Sarcoma Stromal	
[Sarcoma Stromal TGLS = 6-14+15]		
Vagina	Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 1-11]		

PRIMARY CAUSE OF DEATH - Uterus Sarcoma Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-11]			
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
	Papilla	Necrosis	Marked
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Minimal
	Subcut Tiss	Inflammation	Chronic Active, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500732

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Cyst	Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	Peripheral Nerve	* Pituitary Gland	* Salivary Glands
* Trachea	* Urethra	Vagina	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Minimal
	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Minimal
* Harderian Gland		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Amyloid Deposition	Marked
		Hematopoietic Cell Proliferation	Mild
* Ovary		Atrophy	Marked
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked

[Hyperplasia TGLS = 1-12]
[Inflammation TGLS = 1-12]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500733

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLS = 1-12]			
Spinal Cord		Degeneration	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-17]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Thyroid Gland	Follicle	Degeneration	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Spinal Cord Degeneration

Animal Note: TGL#3-11: Skeletal muscle mass, documented at necrospy, is subcutaneous fibrosar coma histologically. Lesion coded under skin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Moderate
		Cyst	Moderate
[Cyst TGLS = 1-8]			
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500734

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 4-9]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Infarct	Marked
		Nephropathy	Marked
[Infarct TGLS = 2-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500735

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
		Lymphoma Malignant	
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 5-8]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 685
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	Vagina		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-11]			
* Ovary		Atrophy	Marked
		Cyst	Marked
[Cyst TGLS = 1-8]			
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Cyst	Mild
	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 685
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500736

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Harderian Gland		Hyperplasia	Moderate
* Kidney		Hydronephrosis	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
[Hydronephrosis TGLS = 2,3-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
Note: Only one ovary available for histologic examination.			
* Skin	Sebaceous Gl	Atrophy	Marked
	Subcut Tiss	Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Marked
* Urethra		Dilatation	Marked
		Inflammation	Suppurative, Marked
* Urinary Bladder		Carcinoma	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 536
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500737

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Carcinoma	
[Carcinoma TGLS = 4-12]		
Vagina	Carcinoma	Metastatic (Uterus)

PRIMARY CAUSE OF DEATH	- Uterus	Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Hydronephrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
Lymph Node	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Mild
* Clitoral Gland		Fibrosarcoma	Metastatic (Skin)
Note: TGL#1-11: Clitoral gld mass, documented at necropsy, is sub- cutaneous fibrosarcoma histologically with invasion into clitoral glds. Lesion coded under skin.			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
[Hepatocellular Carcinoma TGLS = 2-12]			
* Ovary		Atrophy	Moderate
* Pancreas		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500738

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Marked
[Infarct TGLS = 2-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
[Basophilic Focus TGLS = 4-13]			
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Skin	Hair Follicle	Dilatation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500739

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Thymus		Cyst	Multiple, Minimal
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus		Cyst	Mild
	Endometrium	Hyperplasia	Cystic, Mild
[Cyst TGLS = 1-11]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Trachea	* Urethra	Vagina

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-9]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
* Spleen	Lymph Follic	Hyperplasia	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500740

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urethra	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland	Duct	Cyst	Marked
* Kidney	Renal Tubule	Dilatation	Moderate
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 2-3+4+5]			
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
[Atrophy TGLS = 1-4]			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500742

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-9]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Cyst	Multiple, Minimal
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500743

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Trachea
* Urethra	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 3-9]			
* Heart		Cardiomyopathy	Minimal
* Kidney	Glomerulus	Amyloid Deposition	Mild
		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
	Papilla	Necrosis	Marked
		Nephropathy	Mild
[Infarct TGLS = 8-4]			
* Liver		Amyloid Deposition	Moderate
		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Hepatocyte	Necrosis	Moderate
[Hepatocellular Adenoma TGLS = 5-13]			
[Necrosis TGLS = 6,7-14+15]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 623
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500744

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 1,2-11+12]			
* Spleen		Amyloid Deposition	Minimal
		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Forestomach		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 9-16A]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer		
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 491
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
Mesentery	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Trachea
* Urethra	Vagina		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland	Duct	Cyst	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 2-3+4+5]			
* Lung		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Marked
[Histiocytic Sarcoma TGLS = 1,3-11+10]			
Vagina			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 491
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500745

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#3-10: Enlarged vagina documented at necropsy, is histiocytic sarcoma involving the uterine cervix histologically. Lesion coded under uterus.

PRIMARY CAUSE OF DEATH	- Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Minimal
* Clitoral Gl			
Note: Only one clitoral gland available for histologic examination.			
* Heart		Cardiomyopathy	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
		Cyst	Mild
[Cyst TGLS = 1-8]			
* Skin	Sebaceous Gl	Atrophy	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500746

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Cervix	Squamous Cell Carcinoma	Metastatic (Vagina)
[Squamous Cell Carcinoma TGLS = 2-11]			
Vagina		Squamous Cell Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Trachea
* Urinary Bladder			

MISSING

* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 1-9]			
* Esophagus		Fibrosarcoma	Metastatic (Skin)
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Lung	Mediastinum	Fibrosarcoma	Metastatic (Skin)
		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 3-16]			
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Skin)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Mammary Gl			
Note: TGL#2-11: Mammary gland mass, documented at necropsy, is subcutaneous fibrosarcoma histologically. Lesion coded under skin.			
* Ovary		Atrophy	Marked
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500747

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-5+17]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
		Cyst	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	Ear
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Stomach, Glandular	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Marked
* Harderian Gland		Adenoma	
* Heart		Lymphoma Malignant	
* Intestine Small, Jejunum	Peyers Patch	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-11]			
* Kidney		Lymphoma Malignant	
		Nephropathy	Moderate
[Lymphoma Malignant TGLS = 2-4]			
[Nephropathy TGLS = 2-4]			
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-3+4+5]			
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Sebaceous Gl	Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500748

ORGAN AND ACCOUNTABLE SITE STATUS

	Subcut Tiss	Lymphoma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

Animal Note: TGL 3=NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 3
	DOSE: 10 MG/KG	**DISP:** Dosing Accident	**HISTO:** 0500749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Eye
* Gallbladder	* Harderian Gland	* Heart	* 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, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urethra	* Urinary Bladder	* Uterus	Vagina

OBSERVATIONS

* Esophagus	Perforation	
[Perforation TGLS = 1-11]		
* Thymus		
Note: TGL#2-6-NCL: Thymus considered to be within normal limits histologically for a young mouse.		
* Thyroid Gland	Ectopic Thymus	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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
* Salivary Glands	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Moderate
* Liver		Inflammation	Chronic Active, Minimal
		Lymphoma Malignant	
		Mixed Cell Focus	
		Tension Lipidosis	Marked
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Mixed Cell Focus TGLS = 3-13]			
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
* Skin	Sebaceous Gl	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500750

ORGAN AND ACCOUNTABLE SITE STATUS

	Subcut Tiss	Fibrosarcoma	
	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Fibrosarcoma TGLS = 2-11]			
[Hyperplasia TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
[Ulcer TGLS = 1-12]			
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
* Thymus		Atrophy	Moderate
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Spleen
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Basophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-11]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Moderate
		Ectopic Parathyroid Gland	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500751

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 1=NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Mild
		Nephropathy	Moderate
[Hydronephrosis TGLS = 1,6-4]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 2,3,4,5-11+12+13+14]			
* Ovary		Atrophy	Moderate
Note: Only one ovary available for histologic examination.			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Multiple, Moderate
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500752

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thymus	* Thyroid Gland	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500753

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
		Inflammation	Chronic Active, Mild
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Harderian Gland		Adenoma	
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 4,5-13+14]			
* Ovary		Atrophy	Moderate
		Cyst	Marked
[Cyst TGLS = 3-8]			
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-11+12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500755

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 1,2-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* 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	* Salivary Glands
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra
* Uterus	Vagina		

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Lymphoma Malignant	
* Eye	Optic Nerve	Lymphoma Malignant	
* Heart		Mineralization	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
Mesentery		Lymphoma Malignant	
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
* Spleen		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500756

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 1-4]	
* Stomach, Forestomach	Lymphoma Malignant
* Thymus	Lymphoma Malignant
* Urethra	
Note: Urethral epithelium sloughed due to autolysis.	
* Urinary Bladder	Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Eye			
Note: Optic nerve on slide #02 with brain.			
* Kidney	Renal Tubule	Dilatation	Mild
		Infarct	Marked
		Infiltration Cellular	Lymphoid, Mild
	Papilla	Necrosis	Marked
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Skin	Hair Follicle	Dilatation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500757

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-12]			
[Inflammation TGLS = 1-12]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Trachea	* Urethra	Vagina	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Mild
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-5+11]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
	Epithelium	Necrosis	Moderate
* Thyroid Gland	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500758

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Spleen
* Trachea	* Urethra	Zymbal's Gland	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
Mesentery	Fat	Fibrosis	Mild
	Fat	Mineralization	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
		Squamous Cell Carcinoma	
* Skin	Hair Follicle	Dilatation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500759

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Minimal
		Ectopic Parathyroid Gland	Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Trachea	* Urethra	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Hydronephrosis	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
[Hydronephrosis TGLS = 1-13]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Tension Lipidosis	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-13]			
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Cyst	Mild
	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Minimal
[Cyst TGLS = 3-12]			
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500760

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* 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	* Skin
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Marked
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-7]			
* Intestine Large, Cecum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Kidney		Infarct	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-12]			
* Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500761

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-13]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
	Papilla	Necrosis	Mild
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Trachea	* Urethra	* Urinary Bladder	

MISSING

* Harderian Gland	* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Minimal
[Cyst TGLS = 3-9]			
* Intestine Large, Cecum		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Kidney		Infarct	Marked
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
Lymph Node	Mediastinal	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-6]			
Mesentery		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 1-11]			
* Ovary		Atrophy	Marked
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Pancreas		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 4-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 677
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500763

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Carcinoma	
[Hyperplasia TGLS = 6-5+14]			
[Squamous Cell Carcinoma TGLS = 5-13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	C Cell	Hyperplasia	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

Animal Note: Lesion coded under pancreas.
Animal Note: TGL#4-12: Enlarged pancreatic L N, documented at necropsy, is metastatic sq cell carcinoma (forestomach) involving the pancreas and surrounding mesentery.
Animal Note: TGL#1-11: Enlarged mesenteric L N, documented at necropsy, is metastatic sq. ce ll carcinoma (forestomach) involving the mesentery. Lesion coded under mesentery

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Mild
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 3-7]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500764

ORGAN AND ACCOUNTABLE SITE STATUS

		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Trachea	* Urethra	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Moderate
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-11]			
Mesentery		Congestion	Moderate
	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Congestion TGLS = 2-12]			
[Necrosis TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-13]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500765

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
* Thymus		Cyst	Multiple, Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Granular Cell Tumor Benign	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Hydronephrosis	Marked
		Infiltration Cellular	Lymphoid, Minimal
[Hydronephrosis TGLS = 1-11]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500766

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus [Hyperplasia TGLS = 2-8]	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 517
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
* Esophagus		Schwannoma Malignant	Metastatic (Skin)
* Heart		Schwannoma Malignant	Metastatic (Skin)
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hematopoietic Cell Proliferation TGLS = 1-3+4+5]			
* Lung		Schwannoma Malignant	Metastatic (Skin)
Note: Additional metastatic pulmonary lesion, as well as, esophageal lesion on slide #03.			
[Schwannoma Malignant TGLS = 3-12]			
* Nose			
Note: Third nasal section partially missing at trim.			
* Ovary		Atrophy	Marked
Skeletal Muscle		Schwannoma Malignant	Metastatic (Skin)
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 517
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500767

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Schwannoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Esophagus Schwannoma Malignant Skin;Heart Schwannoma Malignant Skin;Lung Schwannoma Malignant Skin;Skeletal Muscle Schwannoma Malignant Skin

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Kidney		Infarct	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Inflammation	Chronic Active, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 4-13]			
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
	Pancreatic	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-11]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500768

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 3-12]			
* Thymus		Cyst	Multiple, Mild
		Inflammation	Chronic Active, Minimal
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Mixed Cell Focus TGLS = 1-11]			
* Lung		Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500769

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Atrophy	Mild
		Infiltration Cellular	Polymorphnuclr, Mild
		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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
* Thyroid Gland	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Infiltration Cellular	Lymphoid, Moderate
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Clear Cell Focus TGLS = 1-11]			
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 2-12]			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Hyperplasia	Lymphoid, Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-13]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500770

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Moderate
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-8]			
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urethra	* Uterus

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Eye			
Note: Optic nerve not found in block or wet tissue.			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Necrosis	Mild
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Necrosis TGLS = 2-3+12]			
[Vacuolization Cytoplasmic TGLS = 2-3+4+5+12]			
* Ovary		Atrophy	Moderate
* Skin	Sebaceous Gl	Atrophy	Marked
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500771

ORGAN AND ACCOUNTABLE SITE STATUS

	Cyst	Multiple, Mild
* Urinary Bladder	Infiltration Cellular	Lymphoid, Minimal
Vagina	Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Mild
* Skin	Hair Follicle	Dilatation	Mild
	Subcut Tiss	Fibroma	
	Subcut Tiss	Metaplasia	Osseous, Minimal
[Fibroma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500772

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland		Ectopic Thymus	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: Ear lesions, documented at necropsy and histologically, are coded under pinna, s kin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Thyroid Gland	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Infiltration Cellular	Lymphoid, Mild
* Kidney		Infiltration Cellular	Lymphoid, Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500773

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Thymus
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Moderate
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500775

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 590
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Necrosis TGLS = 1,2-4]			
[Vacuolization Cytoplasmic TGLS = 1-3+4+5+11]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
* Ovary		Atrophy	Moderate
* Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 590
	DOSE: 10 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500776

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Minimal
[Cyst TGLS = 1-9]			
* Eye	Optic Nerve	Infiltration Cellular	Lymphoid, Mild
* Heart		Mineralization	Mild
* Kidney		Mineralization	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Vacuolization Cytoplasmic TGLS = 2-3+4+5]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Ovary		Atrophy	Marked
* Skin	Sebaceous Gl	Atrophy	Moderate
* Spleen		Atrophy	Moderate
* Thymus		Atrophy	Marked
		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocyte Vacuolization Cytoplasmic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urethra	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Gallbladder		Inflammation	Chronic Active, Moderate
* Harderian Gland		Adenoma	
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
		Mesothelioma Malignant	Metastatic (Mesentery)
Lymph Node	Mediastinal	Mesothelioma Malignant	Metastatic (Mesentery)
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Moderate
		Mesothelioma Malignant	
	Fat	Mineralization	Minimal
	Fat	Necrosis	Marked
[Mesothelioma Malignant TGLS = 2-12]			
[Necrosis TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500778

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Inflammation	Chronic Active, Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Cyst	Multiple, Minimal
		Ectopic Parathyroid Gland	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Liver	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Mineralization	Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12]			
* Ovary		Atrophy	Marked
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
		Inflammation	Chronic Active, Mild
	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Atrophy	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 10 MG/KG	**DISP:** Natural Death	**HISTO:** 0500779

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina	Inflammation	Chronic Active, Moderate

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

Animal Note: Missing clitoral glands: probably invaded and replaced by the subcutaneous malig . Schwannoma.
Animal Note: TGL#1-11: Clitoral gland mass, documented at necropsy, is subcutaneous malig. Sc hwannoma histologically. Lesion coded under skin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 10 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-12]			
* Thymus		Cyst	Multiple, Mild
		Inflammation	Chronic Active, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Salivary Glands
* Stomach, Glandular	* Trachea	* Urethra	

MISSING

* Harderian Gland	* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Fibrosarcoma	Metastatic (Skin)
	Subcapsular	Hyperplasia	Mild
* Clitoral Gland	Duct	Cyst	Mild
* Harderian Gl			
Note: Popped out of block at microtomy.			
* Intestine Large, Cecum		Fibrosarcoma	Metastatic (Skin)
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
		Fibrosarcoma	Metastatic (Skin)
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Fibrosarcoma	Metastatic (Skin)
		Infiltration Cellular	Lymphoid, Minimal
* Lung		Fibrosarcoma	Metastatic (Skin)
Lymph Node	Pancreatic	Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 2-13]			
Mesentery		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 2,3-13+12]			
* Ovary		Atrophy	Marked
		Fibrosarcoma	Metastatic (Skin)
* Pancreas		Fibrosarcoma	Metastatic (Skin)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500781

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 2-13]			
* Pituitary Gland	Pars Distalis	Angiectasis	Marked
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-6]			
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Fibrosarcoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Marked
* Thyroid Gland	Follicle	Degeneration	Minimal
* Urinary Bladder		Fibrosarcoma	Metastatic (Skin)
* Uterus		Fibrosarcoma	Metastatic (Skin)
	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
[Cyst TGLS = 1-9]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
		Infarct	Marked
[Histiocytic Sarcoma TGLS = 5-3+4+5]			
* Lung		Alveolar/Bronchiolar Adenoma	
		Histiocytic Sarcoma	
[Alveolar/Bronchiolar Adenoma TGLS = 6-11]			
Lymph Node	Inguinal	Pigmentation	Mild
* Lymph Node, Mandibular		Pigmentation	Mild
* Ovary		Atrophy	Marked
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
* Spleen		Atrophy	Marked
[Atrophy TGLS = 4-4]			
* Thymus		Atrophy	Marked
		Cyst	Multiple, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500782

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicle	Degeneration	Mild
* Urethra	Transit Epithe	Hyperplasia	Mild
Note: Cells filling urethral lumen were determined to be sloughed cells from urinary bladder and urethra.			
* Uterus		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-8]			

PRIMARY CAUSE OF DEATH - Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	* Uterus	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Moderate
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Eye	Optic Nerve	Infiltration Cellular	Lymphoid, Mild
	Retina	Melanoma Benign	
	Optic Nerve	Pigmentation	Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
Note: TGL#4-4-NCL: Cause of dark discoloration, documented at necropsy, not apparent histologically. May have been due to early autolysis,			
* Liver		Inflammation	Chronic Active, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 3-3+4+5]			
* Mammary Gl			
Note: TGL#1,2-11+12: Mammary gld. masses, documented at necropsy, are subcuteneous malig. schwannomas histologically. Lesions coded under skin.			
* Ovary		Atrophy	Moderate
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1,2-11+12]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500783

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
[Hyperplasia TGLS = 5-5+13]			
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 522
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gl			
Note: Only one clitoral gland available for histologic examination.			
* Kidney		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Moderate
	Bile Duct	Hyperplasia	Mild
		Infarct	Marked
	Bile Duct	Inflammation	Chronic Active, Mild
	Hepatocyte	Necrosis	Mild
		Schwannoma Malignant	Metastatic (Skin)
[Infarct TGLS = 1,2-11+12]			
Mesentery		Schwannoma Malignant	Metastatic (Skin)
* Ovary		Atrophy	Marked
Skeletal Muscle		Schwannoma Malignant	Metastatic (Skin)
Note: TGL#3-13: Skeletal muscle mass, documented at necropsy, is subcutaneous malig. schwannoma histologically with metastatic spread to adjacent skeletal muscle.			
[Schwannoma Malignant TGLS = 3-13]			
* Skin	Sebaceous Gl	Atrophy	Moderate
	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 3-13]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 522
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500784

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Schwannoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 543
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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
* Salivary Glands	* Thyroid Gland	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney	Glomerulus	Amyloid Deposition	Mild
	Renal Tubule	Dilatation	Marked
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
		Nephropathy	Moderate
* Liver		Amyloid Deposition	Minimal
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
[Amyloid Deposition TGLS = 2-3+4+5]			
* Lung		Hemorrhage	Moderate
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Nose	Glands, Olfactory Epi	Dilatation	Mild
* Ovary		Atrophy	Moderate
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 543
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500785

ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Amyloid Deposition	Moderate
		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-5+12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 1-9]			
* Heart		Mineralization	Mild
* Kidney		Fibrosarcoma	Metastatic (Skin)
* Liver		Fibrosarcoma	Metastatic (Skin)
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Mild
* Lung		Fibrosarcoma	Metastatic (Skin)
* Lym Node Mesen			
Note: Lesion coded under mesentery.			
Note: TGL#s 2,3-11+13: Enlarged pancreatic/mesenteric L Ns, documented at necropsy, are sections of mesentery containing metastatic fibrosarcoma histologically,			
Lymph Node	Mediastinal	Fibrosarcoma	Metastatic (Skin)
Mesentery		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 2,3-11+13]			
* Ovary		Atrophy	Marked
* Pancreas		Fibrosarcoma	Metastatic (Skin)
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500786

ORGAN AND ACCOUNTABLE SITE STATUS

	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 4-12]			
* Spleen		Fibrosarcoma	Metastatic (Skin)
		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
		Cyst	Multiple, Moderate
* Urethra	Transit Epithe	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Marked
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

Animal Note: TGL#4-12: Skeletal muscle mass, documented at necropsy, is a subcutaneous fibros arcoma histologically.Lesion coded under skin.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 543
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra	* Uterus	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Mild
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
* Ovary		Atrophy	Moderate
* Skin	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 2-10]			
[Inflammation TGLS = 2-10]			
[Ulcer TGLS = 2-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]			
* Thymus		Cyst	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 1-9]			
* Eye	Optic Nerve	Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Hyperplasia	Atypical, Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung	Mediastinum	Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-6]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Ovary		Atrophy	Marked
* Pancreas		Lymphoma Malignant	
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 728
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500788

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Multiple, Marked
		Lymphoma Malignant	
* Urethra			
Note: Cells filling urethral lumen were determined to be sloughed cells from urinary bladder and urethra.			
* Urinary Bladder		Inflammation	Chronic Active, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Thyroid Gland	* Trachea
* Urethra			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
[Cyst TGLS = 2-9]			
* Eye			
Note: Optic nerve not found in block or wet tissue.			
* Harderian Gland		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Marked
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500789

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 641
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Trachea
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Infiltration Cellular	Lymphoid, Mild
* Eye	Cornea	Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6]			
* Ovary		Atrophy	Moderate
* Skin	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked

Note: TGL#1-11: Zymbals gld. lesion, documented at necropsy, is cutaneous inflammation and ulceration histologically. Lesion coded under skin.
[Hyperplasia TGLS = 1-11]
[Inflammation TGLS = 1-11]
[Ulcer TGLS = 1-11]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 641
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500790

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 5-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked
		Cyst	Marked
[Atrophy TGLS = 4-6]			
* Thyroid Gland	Follicle	Degeneration	Mild
* Urethra	Transit Epithe	Hyperplasia	Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urethra	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Duodenum		Carcinoma	
[Carcinoma TGLS = 3-11]			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
	Peyers Patch	Lymphoma Malignant	
[Hyperplasia TGLS = 4-14]			
[Lymphoma Malignant TGLS = 4-14]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-13]			
Lymph Node	Pancreatic	Lymphoma Malignant	

Note: TGL#4-14: One of the Jejunal nodules, documented at necropsy, is actually the pancreatic lymph node.
[Lymphoma Malignant TGLS = 4-14]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500791

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-15]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Angiectasis	Mild
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Mild
	Lymph Follic	Hyperplasia	Moderate
		Lymphoma Malignant	
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 6-16]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 4-13]			
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Moderate
	Papilla	Necrosis	Marked
		Nephropathy	Moderate
[Infarct TGLS = 5-4]			
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Cystic Keratinizing Epithelioma	Multiple
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Infiltration Cellular	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500792

ORGAN AND ACCOUNTABLE SITE STATUS

[Cystic Keratinizing Epithelioma TGLS = 2,3-11+12]			
[Infiltration Cellular TGLS = 2,3-11+12]			
Lymph Node	Pancreatic	Hematopoietic Cell Proliferation	Minimal
	Pancreatic	Pigmentation	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Minimal
[Hyperplasia TGLS = 6-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Spleen
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-9]			
* Harderian Gland		Hyperplasia	Marked
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 3-12]			
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
* Thymus		Cyst	Multiple, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500793

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Thyroid Gland
* Trachea	* Urethra		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
* Harderian Gland		Adenoma	
[Adenoma TGLS = 2-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Marked
		Cyst	Mild
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
Note: TGL#1-11: Skeletal muscle mass, documented at necropsy, is subcutaneous fibrosarcoma with spread to adjacent skeletal muscle.			
[Fibrosarcoma TGLS = 1-11]			
* Skin	Hair Follicle	Dilatation	Mild
	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500794

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Squamous Cell Carcinoma	
[Hyperplasia TGLS = 4-13]			
[Squamous Cell Carcinoma TGLS = 3-12]			
* Stomach, Glandular		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
* Thymus		Cyst	Multiple, Marked
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Esophagus	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland	* Thyroid Gland
* Trachea			

MISSING

* Urethra

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
Blood Vessel	Aorta	Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Lymphoma Malignant	
* Eye	Optic Nerve	Lymphoma Malignant	
		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Rectum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-4]			
* Liver		Lymphoma Malignant	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Lymphoma Malignant TGLS = 5-3+4+5]			
[Vacuolization Cytoplasmic TGLS = 5-3+4+5]			
* Lung		Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 712
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500795

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
* Nose		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
Skeletal Muscle		Lymphoma Malignant	
* Skin	Sebaceous Gl	Atrophy	Marked
	Subcut Tiss	Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Lymphoma Malignant	
[Hyperplasia TGLS = 6-5+12]			
[Lymphoma Malignant TGLS = 6-5+12]			
* Stomach, Glandular		Carcinoma	
		Lymphoma Malignant	
[Carcinoma TGLS = 6-5+12]			
[Lymphoma Malignant TGLS = 6-5+12]			
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	
Vagina		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 337
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Islets, Pancreatic		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3+4+5+12]			
* Lung		Lymphoma Malignant	
Lymph Node	Pancreatic	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-12]			
* Skin	Subcut Tiss	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Lymph Node Pancreatic Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone		Osteopetrosis	Moderate
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 1-9]			
* Heart		Cardiomyopathy	Minimal
* Kidney		Carcinoma	Metastatic (Ureter)
		Hydronephrosis	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
[Carcinoma TGLS = 3-13]			
[Hydronephrosis TGLS = 3-13]			
* Liver		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
[Hepatocellular Adenoma TGLS = 5-15]			
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500797

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 4-14]			
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Marked
		Inflammation	Chronic Active, Moderate
Ureter	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 6-12]			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Glandular	* Trachea	* Urethra

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Infiltration Cellular	Lymphoid, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Marked
[Hematopoietic Cell Proliferation TGLS = 3-3+4+5]			
* Ovary		Atrophy	Marked
* Skin	Sebaceous Gl	Atrophy	Minimal
	Hair Follicle	Dilatation	Mild
	Subcut Tiss	Fibrosarcoma	Multiple
[Fibrosarcoma TGLS = 1,2,4-11+12+13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500798

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 2-12]			
* Kidney		Infiltration Cellular	Lymphoid, Mild
	Pelvis	Metaplasia	Osseous, Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Necrosis	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
		Inflammation	Chronic Active, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
* Ovary		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500799

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Atrophy	Marked
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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
* Salivary Glands	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Duct	Cyst	Moderate
* Harderian Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Mild
* Kidney	Glomerulus	Amyloid Deposition	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Amyloid Deposition	Moderate
		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-6]			
Mesentery	Fat	Inflammation	Chronic Active, Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Dermis	Fibrosis	Marked
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 680
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500800

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 1,2-11+12]			
* Spleen		Amyloid Deposition	Minimal
		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Squamous Cell Carcinoma	
* Stomach, Glandular		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 5-13]			
* Thyroid Gland	Follicle	Degeneration	Mild
* Urethra		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation;Stomach;Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Trachea
* Urethra			

MISSING

* Eye

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Moderate
* Harderian Gl			
Note: Only one Harderian gland available for histologic examination.			
* Intestine Large, Colon		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Intestine Small, Jejunum		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
[Schwannoma Malignant TGLS = 2-13]			
* Islets, Pancreatic		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	Renal Tubule	Dilatation	Moderate
		Nephropathy	Mild
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Lung	Mediastinum	Schwannoma Malignant	Metastatic (Uncertain Primary Site)
Lymph Node	Mediastinal	Schwannoma Malignant	Metastatic (Uncertain Primary Site)
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Lymph Node, Mesenteric		Schwannoma Malignant	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500801

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
[Schwannoma Malignant TGLS = 1,2-11+12+13]			
* Ovary		Atrophy	Marked
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Pancreas		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
Skeletal Muscle		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Skin	Hair Follicle	Dilatation	Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
[Hyperplasia TGLS = 3-14]			
[Schwannoma Malignant TGLS = 3-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
		Schwannoma Malignant	Metastatic (Uncertain Primary Site)
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Marked

PRIMARY CAUSE OF DEATH - Mesentery Schwannoma Malignant Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 15
	DOSE: 30 MG/KG	**DISP:** Dosing Accident	**HISTO:** 0500802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Eye	* Gallbladder
* Harderian Gland	* 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
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	* Uterus	Vagina	

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland

OBSERVATIONS

* Bone Marrow	Hyperplasia	Marked
* Esophagus	Perforation	Marked
Note: TGL#2-11: Esophagus, dilatation, marked. Unable to code. This term is not included in the current NTP lexicon.		
[Perforation TGLS = 3-11]		
* Heart	Inflammation	Chronic Active, Mild
* Liver	Inflammation	Chronic Active, Mild
* Lung	Inflammation	Chronic Active, Marked
Note: Right lung lobe and cardiac lobe on slide #11.		

PRIMARY CAUSE OF DEATH -

Animal Note: All tissues examined microscopically from this animal were mildly to markedly au tolytic.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Trachea	* Urethra	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
Blood Vessel	Aorta	Mineralization	Mild
* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Mild
		Mineralization	Mild
* Kidney		Mineralization	Moderate
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Chronic Active, Mild
		Mineralization	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Ovary		Atrophy	Marked
Note: Only one ovary available for histologic examination.			
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
Note: TGL#2-11:Skeletal muscle mass, documented at necropsy, is a subcutaneous fibrosarcoma histologically with metastatic invasion into the adjacent skeletal muscle.			
[Fibrosarcoma TGLS = 2-11]			
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-11]			
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500803

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium, Glands	Cyst	Moderate
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 1-12]			

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Uterus Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Thyroid Gland
* Trachea	* Urethra		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
	Subcapsular	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 2-9]			
* Heart		Cardiomyopathy	Mild
* Kidney	Glomerulus	Amyloid Deposition	Mild
	Renal Tubule	Dilatation	Moderate
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Marked
		Mineralization	Mild
		Nephropathy	Marked
Note: Bacterial colonies in papillary tubules, right renal pelvis.			
[Inflammation TGLS = 4-4]			
[Nephropathy TGLS = 4-4]			
* Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Chronic Active, Mild
* Lung		Alveolar/Bronchiolar Adenoma	
		Inflammation	Chronic Active, Mild
[Alveolar/Bronchiolar Adenoma TGLS = 5-16]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500804

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-15]			
* Ovary		Atrophy	Marked
* Skin	Sebaceous Gl	Atrophy	Marked
	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11+12+13+14]			
[Inflammation TGLS = 1-11+12+13+14]			
[Ulcer TGLS = 1-12+13+14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 6-5+17]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Marked
	Epithelium	Hyperplasia	Focal, Moderate
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
* Thymus		Atrophy	Marked
		Cyst	Multiple, Moderate
Ureter	Transit Epithe	Hyperplasia	Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Marked

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Ureter Transit Epithe Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Salivary Glands
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Minimal
Note: Only one clitoral gland available for histologic examination.			
* Eye			
Note: Optic nerve not found in block or wet tissue.			
* Liver		Histiocytic Sarcoma	
* Lung		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
Note: Only one ovary available for histologic examination.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Skin	Sebaceous Gl	Atrophy	Mild
* Spleen		Histiocytic Sarcoma	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Mineralization	Minimal
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 485
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500805

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
Vagina	Infiltration Cellular	Polymorphnuclr, Marked

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Pancreas		Congestion	Mild
[Congestion TGLS = 2-5]			
* Skin	Hair Follicle	Dilatation	Minimal
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Epidermis Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500806

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Skin Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urethra

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
* Ovary		Atrophy	Marked
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500807

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Trachea	* Urethra
* Urinary Bladder	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
[Cyst TGLS = 4-9]			
* Heart		Cardiomyopathy	Moderate
* Kidney	Glomerulus	Amyloid Deposition	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Moderate
* Liver		Amyloid Deposition	Moderate
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 7-6]			
* Ovary		Atrophy	Marked
		Cyst	Mild
* Parathyroid Gland		Cyst	Multiple, Mild
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2,3-11+12+13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500808

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1,2,3-11+12+13]			
[Ulcer TGLS = 1,2,3-11+12+13]			
* Spleen		Amyloid Deposition	Mild
		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Mild
[Hyperplasia TGLS = 6-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Moderate
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Marked
* Thyroid Gland	Follicle	Degeneration	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Thyroid Gland
* Trachea	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Hydronephrosis	Moderate
		Inflammation	Chronic Active, Moderate
		Mineralization	Minimal
		Nephropathy	Moderate
[Hydronephrosis TGLS = 1-4]			
[Nephropathy TGLS = 1-4]			
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
* Skin	Sebaceous Gl	Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Carcinoma	
[Hyperplasia TGLS = 2-11]			
[Squamous Cell Carcinoma TGLS = 3-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500809

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
* Urethra	Transit Epithe	Carcinoma	
* Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Urethra Transit Epithe	Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach	Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Trachea	* Urethra	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Infiltration Cellular	Lymphoid, Marked
	Alveolar Epith	Metaplasia	Squamous, Mild
	Bronchiole	Metaplasia	Squamous, Mild
[Infiltration Cellular TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500810

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Mild
[Hyperplasia TGLS = 3-13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Moderate
* Thymus		Cyst	Multiple, Moderate
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicular Cel	Carcinoma	
	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-11]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Trachea	* Urethra	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	Multiple
[Alveolar/Bronchiolar Adenoma TGLS = 1,2-11+12]			
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Moderate
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500811

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Brain	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* 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	* Pituitary Gland	* Salivary Glands	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
[Cyst TGLS = 8-9]			
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Dilatation	Moderate
		Lymphoma Malignant	
		Mineralization	Minimal
		Nephropathy	Moderate
[Dilatation TGLS = 4-4]			
[Nephropathy TGLS = 4-4]			
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
[Eosinophilic Focus TGLS = 7-13]			
* Lung		Lymphoma Malignant	
Lymph Node	Bronchial	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500812

ORGAN AND ACCOUNTABLE SITE STATUS

		Necrosis	Lymphoid, Marked
[Lymphoma Malignant TGLS = 5-12]			
[Necrosis TGLS = 5-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
* Nose	Glands, Olfactory Epi	Dilatation	Moderate
* Ovary		Atrophy	Marked
		Cyst	Moderate
[Cyst TGLS = 3-8]			
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Marked
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
[Ulcer TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 2-12]			
[Lymphoma Malignant TGLS = 2-12]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
[Hyperplasia TGLS = 9-14]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Moderate
		Infiltration Cellular	Lymphoid, Mild
	Epithelium	Ulcer	Mild
[Hyperplasia TGLS = 9-14]			
* Thymus		Cyst	Multiple, Moderate
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500812

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Infiltration Cellular	Lymphoid, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 304
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Thyroid Gland	* Trachea
* Urethra	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
* Skin	Hair Follicle	Dilatation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thyroid Gland	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLS = 1-7]			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum		Schwannoma Malignant	Metastatic (Skin)
[Schwannoma Malignant TGLS = 5-13]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Marked
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
Mesentery	Fat	Fibrosis	Moderate
	Fat	Necrosis	Marked
		Schwannoma Malignant	Metastatic (Skin)
[Necrosis TGLS = 4-12]			
[Schwannoma Malignant TGLS = 5-13]			
* Ovary		Atrophy	Marked

Note: Only one ovary available for histologic examination. One ovary missing at trim,

* Pancreas

Note: TGL#4-12: Pancreatic nodule, documented at necropsy, is necrotic mesentery fat nodule histologically. Lesion coded under mesentery.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500814

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Schwannoma Malignant	Metastatic (Skin)
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 2-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Moderate
		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Marked
[Atrophy TGLS = 3-6]			
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss	Schwannoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Harderian Gland	Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Trachea
* Urethra			

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Minimal
* Harderian Gland		Inflammation	Chronic Active, Minimal
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Mild
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11]			
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500815

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
		Squamous Cell Carcinoma	
[Hyperplasia TGLS = 3-13]			
[Squamous Cell Carcinoma TGLS = 2-12]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
		Squamous Cell Carcinoma	Metastatic (Stomach, Forestomach)
[Squamous Cell Carcinoma TGLS = 2-12]			
* Thymus		Cyst	Multiple, Moderate
		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 50
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Ovary	* Salivary Glands
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Lymphoma Malignant	
* Clitoral Gl			
Note: Only one clitoral gland available for histologic examination.			
* Eye			
Note: Optic nerves not found in block or wet tissue.			
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-3+4+5]			
* Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-11]			
[Lymphoma Malignant TGLS = 4-12]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 50
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500816

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Lymphoma Malignant	
* Skin	Sebaceous Gl	Atrophy	Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Mineralization	Mild
* Thymus		Atrophy	Marked
		Lymphoma Malignant	
Vagina		Infiltration Cellular	Polymorphnuclr, Mild

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Thymus	* Trachea
* Urethra	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 1-9]			
* Harderian Gland		Infiltration Cellular	Lymphoid, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Hydronephrosis	Marked
		Nephropathy	Minimal
[Hydronephrosis TGLS = 2-11]			
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500817

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphoid, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Atrophy	Mild

PRIMARY CAUSE OF DEATH -

Animal Note: TGL 3 = NCL (No Corresponding Lesion)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 337
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Trachea	* Urethra

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
Skeletal Muscle		Mineralization	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thyroid Gland	Follicle	Degeneration	Mild
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-11]			
* Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal

PRIMARY CAUSE OF DEATH - Tongue Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Trachea	* Urethra
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 2-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Ovary		Atrophy	Moderate
* Salivary Glands		Infiltration Cellular	Lymphoid, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Marked
		Inflammation	Chronic Active, Moderate
* Thyroid Gland	Follicle	Cyst	Moderate
	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500819

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* 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	* Salivary Glands	* Thyroid Gland	* Trachea
* Urethra	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Lymphoma Malignant	
		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Moderate
* Kidney		Lymphoma Malignant	
		Mineralization	Mild
		Nephropathy	Mild
* Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatocellular Adenoma	
		Lymphoma Malignant	
[Hepatocellular Adenoma TGLS = 17-20]			
[Lymphoma Malignant TGLS = 10,11,12,13,14,15,16-11+15+17+18+19+12+13]			
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-17]			
[Lymphoma Malignant TGLS = 7-18]			
[Lymphoma Malignant TGLS = 9-20]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500820

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-15]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-19]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-16]			
* Ovary		Atrophy	Marked
* Skin	Hair Follicle	Dilatation	Mild
	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1-14]			
[Inflammation TGLS = 1-14]			
[Ulcer TGLS = 1-14]			
* Spleen		Infarct	Marked
		Lymphoma Malignant	
[Infarct TGLS = 5-16]			
[Lymphoma Malignant TGLS = 4-4+16]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Lymphoma Malignant	
[Hyperplasia TGLS = 18-21]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Lymphoma Malignant	
* Thymus		Cyst	Multiple, Moderate
		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thyroid Gland	* Trachea	Vagina	

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Fibrosis	Mild
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-9]			
* Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
* Lung	Mediastinum	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
		Inflammation	Chronic Active, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 2-11]			
Lymph Node	Mediastinal	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
* Ovary		Atrophy	Marked
* Pancreas	Duct	Cyst	Multiple, Marked
		Infiltration Cellular	Lymphoid, Mild
		Mineralization	Mild
[Cyst TGLS = 3-12]			
* Skin	Sebaceous Gl	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 729
	DOSE: 30 MG/KG	**DISP:** Natural Death	**HISTO:** 0500821

ORGAN AND ACCOUNTABLE SITE STATUS

	Subcut Tiss	Mast Cell Tumor Benign	
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Marked
* Urethra	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 4-10]			
* Urinary Bladder		Carcinoma	Metastatic (Urethra)
		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina			

Note: TGL#4-10: Vaginal nodule, documented at necropsy, is urethral transitional cell carccinoma histologically. Lesion coded under urethra.

PRIMARY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Urethra Transit Epithe Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 540
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Pigmentation	Mild
* Ovary		Atrophy	Moderate
* Skin	Hair Follicle	Dilatation	Mild
	Subcut Tiss	Mast Cell Tumor Malignant	
[Mast Cell Tumor Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
		Ectopic Parathyroid Gland	Minimal
* Thyroid Gland	Follicle	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 540
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500822

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Mast Cell Tumor Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	Ear	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Trachea	* Urethra	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
[Cyst TGLS = 5-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Moderate
		Infiltration Cellular	Histiocyte, Moderate
[Hepatocellular Adenoma TGLS = 3-14]			
* Lung	Mediastinum	Fibrosarcoma	Metastatic (Skin)
		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 6,7,8,9,10-11+16+16+17+18]			
Lymph Node	Inguinal	Fibrosarcoma	Metastatic (Skin)
	Mediastinal	Fibrosarcoma	Metastatic (Skin)
		Fibrosarcoma	Metastatic (Skin)
Note: TGL#4-15 relates to Axillary lymph node.			
[Fibrosarcoma TGLS = 2-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500823

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 4-15]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
Note: Ectopic liver present in pancreas.			
Skeletal Muscle		Fibrosarcoma	Metastatic (Skin)
[Fibrosarcoma TGLS = 11-19]			
* Skin	Sebaceous Gl	Atrophy	Mild
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-12]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Atrophy	Marked
		Fibrosarcoma	Metastatic (Skin)
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Fibrosarcoma Skin;Lung Mediastinum Fibrosarcoma Skin

Animal Note: TGL#11-19: Bone nodule, documented at necropsy, is metastatic subcutaneous fibro sarcoma involving the skeletal muscle of the thoracic cavity.
Animal Note: Lesion coded under skeletal muscle.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
Ear	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urethra
* Urinary Bladder	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Minimal
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 1-9]			
* Gallbladder		Infiltration Cellular	Lymphoid, Minimal
* Kidney		Infarct	Marked
		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Minimal
	Papilla	Necrosis	Marked
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-11]			
* Ovary		Atrophy	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500824

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thyroid Gland	* Trachea	* Urethra	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Myelofibrosis	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 1-9]			
[Inflammation TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	
		Infiltration Cellular	Lymphoid, Minimal
		Inflammation	Chronic Active, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatocellular Carcinoma TGLS = 2-11]			
* Lym Node Mesen			
Note: TGL#3-12: Enlarged mesenteric lymph node, documented at necropsy, is mesenteric fat nodule histologically. Lesion coded under mesentery.			
Mesentery	Fat	Fibrosis	Moderate
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12]			
* Ovary		Atrophy	Marked
* Pancreas		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500825

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Hair Follicle	Dilatation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Mild
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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	* Pituitary Gland	* Salivary Glands
* Trachea	* Urethra	* Urinary Bladder	* Uterus
Vagina			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
* Harderian Gland		Adenoma	
[Adenoma TGLS = 4-7]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Mild
[Basophilic Focus TGLS = 9-15]			
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Marked
[Alveolar/Bronchiolar Carcinoma TGLS = 7-11]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Marked
	Renal	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 6-15]			
[Hyperplasia TGLS = 6-15]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500826

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 8-5]			
* Ovary		Atrophy	Marked
* Pancreas		Infiltration Cellular	Lymphoid, Mild
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,3-12+14]			
[Inflammation TGLS = 1,2,3-12+13+14]			
[Ulcer TGLS = 1,2,3-12+13+14]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Lymphoid, Mild
[Hyperplasia TGLS = 10-16]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Mild
		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 541
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* 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	* Salivary Glands
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
* Harderian Gland		Adenoma	
* Liver		Hematopoietic Cell Proliferation	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
		Luteoma	
* Skin	Subcut Tiss	Schwannoma Malignant	
[Schwannoma Malignant TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 2-4]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular		Infiltration Cellular	Lymphoid, Minimal
* Thymus		Atrophy	Marked
		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Schwannoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thyroid Gland	* Trachea	* Urethra	* Urinary Bladder
* Uterus	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Moderate
		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Minimal
* Liver		Hematopoietic Cell Proliferation	Mild
		Infiltration Cellular	Lymphoid, Minimal
		Tension Lipidosis	Marked
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Ovary		Atrophy	Moderate
		Cyst	Mild
* Skin	Hair Follicle	Dilatation	Minimal
	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 2-5+12]			
* Stomach, Glandular	Epithelium	Hyperplasia	Focal, Minimal
		Infiltration Cellular	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 477
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500828

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Atrophy	Marked
	Cyst	Multiple, Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Trachea	* Urethra
* Urinary Bladder	Vagina		

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Atrophy	Marked
	Duct	Cyst	Marked
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 7-9]			
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 5-15]			
* Kidney	Glomerulus	Amyloid Deposition	Moderate
	Renal Tubule	Dilatation	Moderate
		Infiltration Cellular	Lymphoid, Minimal
		Nephropathy	Moderate
* Liver		Amyloid Deposition	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Infarct	Minimal
		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
		Alveolar/Bronchiolar Carcinoma	
		Cystic Keratinizing Epithelioma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[Alveolar/Bronchiolar Carcinoma TGLS = 6-16]			
[Cystic Keratinizing Epithelioma TGLS = 6-16]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: 30 MG/KG	**DISP:** Moribund Sacrifice	**HISTO:** 0500829

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 8-6]			
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Minimal
	Fat	Necrosis	Marked
[Necrosis TGLS = 3,4-13+14]			
* Ovary		Atrophy	Moderate
Note: Only one ovary available for histologic examination.			
* Skin	Dermis	Fibrosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Hyperplasia TGLS = 1,2-11+12]			
[Inflammation TGLS = 1,2-11+12]			
[Ulcer TGLS = 1,2-11+12]			
* Spleen		Amyloid Deposition	Minimal
		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium, Glands	Cyst	Minimal
* Thymus		Atrophy	Marked
		Cyst	Multiple, Mild
* Thyroid Gland	Follicle	Degeneration	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Skin Epidermis Ulcer
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Jejunum Carcinoma;Kidney Nephropathy;Lung Alveolar/Bronchiolar Adenoma;Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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	* Salivary Glands	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urethra
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Mild
* Clitoral Gland		Atrophy	Moderate
	Duct	Cyst	Moderate
[Cyst TGLS = 1-9]			
* Kidney		Infiltration Cellular	Lymphoid, Minimal
		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Infiltration Cellular	Lymphoid, Mild
		Inflammation	Chronic Active, Minimal
		Mixed Cell Focus	
		Tension Lipidosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Mixed Cell Focus TGLS = 3-12]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mesentery	Fat	Fibrosis	Mild
	Fat	Inflammation	Chronic Active, Mild
	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11]			
* Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: 30 MG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0500830

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Infiltration Cellular	Lymphoid, Mild
[Hyperplasia TGLS = 4-13]			
* Stomach, Glandular	Epithelium, Glands	Cyst	Mild
	Epithelium	Hyperplasia	Focal, Moderate
		Infiltration Cellular	Lymphoid, Mild
* Thymus		Cyst	Multiple, Marked
		Ectopic Parathyroid Gland	Mild
		Inflammation	Chronic Active, Moderate
* Urinary Bladder		Infiltration Cellular	Lymphoid, Minimal
Vagina		Infiltration Cellular	Polymorphnuclr, Minimal
PRIMARY CAUSE OF DEATH	-		

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE