C Number:	C89002
Lock Date:	07/13/1995
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	09/05/1997

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 646
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas	Artery	Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401342

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 4-4: Mononuclear Cell Leukemia]		
* Testes	Interstit Cell	Adenoma
Note: TGL#1-10-NCL: Testicular size considered to be within normal limits histopathologically.		
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Preputial Gland	Duct	Cyst	Mild
[Cyst TGLS = 4-10: Cyst, Duct, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
* Adrenal Medulla		Hyperplasia	Minimal
* Blood Vessel	Aorta	Mineralization	Moderate
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Marked]			
* Liver		Angiectasis	Minimal
	Bile Duct	Hyperplasia	Minimal
	Kupffer Cell	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 4-4:Infiltrating Cell,Histiocyte,Moderate]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7: Hyperplasia, Moderate]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Moderate]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401344

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 564
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Moderate
* Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-6: Hemorrhage, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
[Cardiomyopathy TGLS = 4-4: Mononuclear Cell Leukemia]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 564
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401345

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.

* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
		Necrosis	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
Coagulating Gland		Inflammation	Chronic Active, Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 9-13: Thrombosis, Atrium, Marked]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 7-5+12: Nephropathy. Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 11-12: Mononuclear Cell Leukemia, Mediastinal]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401346

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 10-7: Hyperplasia, Pars Distalis, Moderate]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 12-11: Inflammation, Chronic Active, Marked]			
* Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
[Necrosis TGLS = 4-12: Necrosis, Marked]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
[Atrophy TGLS = 2-10: Atrophy, Germinal Epithelium, Marked]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Kidney Nephropathy;Prostate Inflammation;Spleen Necrosis;Stomach;Forestomach Epithelium Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7: Hyperplasia, Pars Distalis, Moderate]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401347

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 576
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
* Lung		Foreign Body	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Foreign Body TGLS = Foreign Body original diagnosis is Fungus.]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial cell]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Degeneration	Fatty, Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Mild
* Intestine Small, Duodenum	Epithelium	Erosion	Moderate
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5+12: Nephropathy, Chronic, Marked]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 6-1: Degeneration,Cystic,Hepatocyte,Moderate]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 5-7: Hyperplasia, Mild]			
* Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401350

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 2-12: Adenoma]			
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12: Squamous Cell Papilloma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Nose		Fungus	
		Inflammation	Chronic Active, Moderate
* Pancreas	Acinus	Atrophy	Mild
	Acinus	Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Mild
[Thrombosis TGLS = 7-13: Thrombosis, Atrium, Mild]			
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5+13: Nephropathy, Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
	Centrilobular, Hepatocyte	Necrosis	Marked
[Necrosis TGLS = 4-1: Necrosis,Hepatocyte,Centrilobular,Marked]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Mild
[Hyperplasia TGLS = 11-6: Hyperplasia, Plasma Cell, Mild]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 8-12: Necrosis, Fat. Marked]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-7: Hyperplasia, Mild]			
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401352

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-14: Hyperplasia, Marked]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 10-12: Hema Cell Prol]			
* Stomach, Glandular	Epithelium	Erosion	Mild
[Erosion TGLS = 9-12: Erosion, Epithelium, Mild]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
Note: TGL#3-10-NCL: Testicular Size Considered To Be Within Normal Limits Histologically.			

PRIMARY CAUSE OF DEATH	- Spleen Hematopoietic Cell Proliferation
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Chronic, Mild
* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Liver	Basophilic Focus	
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Mild
* Preputial Gland	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 703
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 6-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Parathyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 703
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401354

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#5-7-NCL: Parathyroid Gland Considered To Be Within Normal Limits Histopathologically.

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 535
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Hepatocyte	Necrosis	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 535
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401355

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 16	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 695
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401356

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-7: Hyperplasia, Mild]			
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 7-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-12: Fibrous Histiocytoma, Subcutaneous Tisssue]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 17	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 396
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12: Cataract, Lens, Marked]			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 1-12: Malignant Pheochromocytoma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401358

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 4-7: Complex Pheochromocytoma]			
Coagulating Gland		Inflammation	Chronic Active, Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Marked]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 19	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401359

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 5-11: Inflammation, Chronic-Active, Marked]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
[Ulcer TGLS = 7-5: Ulcer, Epithelium, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Pheochromocytoma Complex;Kidney Nephropathy;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 579
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 1-5: Nephropathy, Chronic, Marked]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 20	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 579
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401360

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 21	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401361

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-7: Hyperplasia, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperplasia	Moderate
	Sebaceous Gl	Hyperplasia	Mild
[Hyperplasia TGLS = 1-12: Hyperplasia, Sebaceous Gland, Mild]			
[Hyperplasia TGLS = 1-12: Hyperplasia, Epidermis, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
Note: The Central Portion Of The Benign Pheochromocytoma Involving The Left Adrenal Gld Has Been Replaced By A Large Hematocyst.			
Note: The Right Adrenal Medulla Also Contains A Benign Pheochromocytoma.			
[Pheochromocytoma Benign TGLS = 6-12: Benign Pheochromocytoma, Bilateral]			
* Blood Vessel	Pulmn Artery	Thrombosis	Marked
Note: On Slide #02			
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
		Myelofibrosis	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
Note: TGL#10-13-NCL:Atria Considered To Be Within Normal Limits Histopathologically. They Are Congested, But No Evidence Of Thrombosis Observed.			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 7-5: Nephropathy, Chronic, Marked]			
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 22	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401362

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 12-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked
[Necrosis TGLS = 8-12: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 9-7: Hyperplasia, Mild]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 11-7: Cyst, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Bilateral Pheochromocytoma Benign;Blood Vessel Pulmn Artery Thrombosis;Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-4: Fibrosis, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 23	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401363

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Degeneration	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 3-1: Degeneration,Hepatocyte,Centrilobular,Minimal]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 24	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401364

ORGAN AND ACCOUNTABLE SITE STATUS

[Hematopoietic Cell Proliferation TGLS = 2-12: Hematopoietic Cell Proliferation]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Stomach, Forestomach Epithelium Ulcer		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Marked]			
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-7: Hyperplasia, Moderate]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7: Hyperplasia, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 25	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401365

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-12: Squamous Cell Papilloma]			
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 26	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Chronic, Minimal
* Kidney	Nephropathy	Chronic, Minimal
Note: One of pair missing.		
Note: Only one kidney available for histopathologic examination.		
* Liver	Hepatodiaphragmatic Nodule	
	Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12: Hepatodiaphragmatic Nodule]		
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Mild
* Preputial Gland	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 5-13: Squamous Cell Papilloma, Pharyngeal]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-12: Squamous Cell Papilloma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 27	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401367

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-7: Benign Pheochromocytoma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 28	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401368

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-12: Hyperplasia, Moderate]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 29	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401369

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 681
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Cyst	Mild
		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 3-5: Cyst, Mild]			
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Marked]			
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7: Hyperplasia, Mild]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 30	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 681
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401370

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Stomach;Forestomach Inflammation;Stomach;Forestomach Epithelium Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
	Atrium	Thrombosis	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Mild
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 31	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401371

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 1-12: Basal Cell Adenoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
* Stomach, Glandular		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Skin Basal Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-12: Necrosis, Fat, Marked]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 32	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401372

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
	Interstit Cell	Hyperplasia	Mild
	Arteriole	Inflammation	Chronic, Mild
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 33	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Chronic, Mild
* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Mild
* Preputial Gland	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 34	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		
MISSING			
* Parathyroid Gland			
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Craniophar Dct	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 2-4: Fibrosis, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 35	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401375

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 6-12: Fibroadenoma]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 36	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401376

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7: Adenoma, Pars Distalis]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 3-13: Adenoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 37	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 435
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone	Vertebra	Hemangiosarcoma	
[Hemangiosarcoma TGLS = 1-12: Hemangiosarcoma, Vertebra]			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Prostate		Inflammation	Chronic Active, Mild
Note: Some Prostatic Tissue Also On Slide #10.			
* Spleen			
Note: TGL#2-4-NCL: Spleen Considered To Be Within Normal Limits Histopathologically.			
* Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Bone Vertebra Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Moderate
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 8-13: Thrombosis, Atrium, Marked]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Moderate]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 9-12: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 38	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 733
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401378

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Parathyroid Gl			
Note: TGL#7-7-NCL: Parathyroid Gland Size Considered To Be Within Normal Limits Histologically.			
* Preputial Gland	Duct	Cyst	Marked
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 1-14: Cyst, Duct, Marked]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Inflammation	Chronic Active, Minimal
	Epithelium	Ulcer	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Chronic, Mild
* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Preputial Gland	Inflammation	Chronic Active, Minimal
* Prostate	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gl			
Note: TGL#2-12: Mammary Gld Mass, Documented At Necropsy, Is Subcutaneous Fibroma Histopathologically.			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-13: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-12: Fibroma, Subcutaneous Tissue]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401380

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401381

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-12: Fibrosis, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Centrilobular, Hepatocyte	Necrosis	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Marked
	Respirat Epith	Metaplasia	Squamous, Mild

Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401382

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Urinary Bladder		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 43	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 420
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 1-12: Hyperplasia, Moderate]			
[Inflammation TGLS = 1-12: Inflammation, Chronic-Active, Moderate]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 44	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401384

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 3-4: Fibrosis, Minimal]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

MISSING

* Intestine Small, Ileum	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-7: Benign Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 3-2: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 45	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401385

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
Note: Only One Preputial Gld Available For Histopathologic Examination.			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
Note: TGL#1-12: Mammary Gland Mass, Documented At Necrospy, Is Subcutaneous Fibrosarcoma Histologically.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibrosarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 46	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401386

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosarcoma TGLS = 1-12: Fibrosarcoma, Subcutaneous Tissue]		
* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 47	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Cardiomyopathy	Chronic, Mild
* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Minimal
* Preputial Gland	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 647
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Moderate
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Angiectasis TGLS = 5-1: Angiectasis, Moderate]			
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 48	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 647
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401388

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Adenoma	
[Adenoma TGLS = 1-12: Adenoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 49	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 3-13: Hemorrhage, Marked]			
* Epididymis		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery		Leukemia Mononuclear	
* Nose		Fungus	
		Inflammation	Chronic Active, Marked
		Squamous Cell Carcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 50	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 643
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401390

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Slide #09 - Fungal Cluster Associated With Infalmmation In Nasal Cavity.			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401391

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-12: Fibrosarcoma, Subcutaneous Tissue]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Cardiomyopathy	Chronic, Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Preputial Gland	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 11-13: Hemorrhage, Mild]			
[Leukemia Mononuclear TGLS = 11-13: Mononuclear Cell Leukemia]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-14: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-14: Mononuclear Cell Leukemia]			
[Leukemia Mononuclear TGLS = 6-13: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 690
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401393

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-15: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked
[Necrosis TGLS = 4-15: Necrosis, Fat, Marked]			
* Pancreas		Leukemia Mononuclear	
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 9-7: Hyperplasia, Pars Distalis, Mild]			
[Leukemia Mononuclear TGLS = 9-7: Mononuclear Cell Leukemia]			
* Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
[Necrosis TGLS = 3-12: Necrosis, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 1-5: Nephropathy, Chronic, Marked]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 600
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401394

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
[Ulcer TGLS = 3-12: Ulcer]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-11: Malignant Mesothelioma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Small, Ileum		Mesothelioma Malignant	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Centrilobular, Hepatocyte	Degeneration	Moderate
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Mesothelioma Malignant	
	Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Degeneration TGLS = 4-1: Degen,Hepatocyte,Centrilobular,Moderate]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
Mesentery		Mesothelioma Malignant	
	Fat	Necrosis	Marked
[Mesothelioma Malignant TGLS = 2-12: Malignant Mesothelioma]			
[Necrosis TGLS = 6-12: Necrosis, Fat, Marked]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas		Mesothelioma Malignant	
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 55	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401395

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Mild
		Mesothelioma Malignant	
* Stomach, Glandular		Mesothelioma Malignant	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 396
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Preputial Gland		Carcinoma	
		Hyperplasia	Mild
[Carcinoma TGLS = 1-12: Carcinoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart	Cardiomyopathy	Chronic, Mild
* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal
* Preputial Gland	Inflammation	Chronic Active, Minimal
* Prostate	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5+12: Nephropathy, Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401398

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 6-5: Nephropathy, Chronic, Mild]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 5-1: Vacuolization,Cytoplasm,Hepatocyte,Mild]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lym Node Mesen			
Note: TGL#3-12: Mesenteric Lymph Node Mass, Documented At Necropsy, Is Sarcoma Inv			
Lymph Node	Mediastinal	Sarcoma	Metastatic (Mesentery)
[Sarcoma TGLS = 7-2: Metastatic Sarcoma,Mediastinal,Mesentery]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Sarcoma	
[Sarcoma TGLS = 3-12: Sarcoma, Fat]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 59	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401399

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 8-7: Hyperplasia, Pars Distalis, Mild]			
* Preputial Gland		Adenoma	
		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-10: Adenoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Urinary Bladder	Transit Epithe	Papilloma	

PRIMARY CAUSE OF DEATH	- Mesentery Fat Sarcoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Lymph Node Mediastinal Sarcoma Mesentery

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-6: Hemorrhage, Marked]			
* Heart		Leukemia Mononuclear	
Note: TGL#7-12-NCL: Right Ventricle Is Congested But Otherwise Within Normal Limits Histopathologically.			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-13: Necrosis, Fat, Marked]			
* Nose	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 1	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401400

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	Multiple
[Fibroma TGLS = 5,8-12+13: Fibroma, Subcutaneous Tissue, Multiple]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 2-12: Fibrosis, Mild]			
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Stomach, Glandular	Epithelium	Erosion	Mild
[Erosion TGLS = 10-14: Erosion, Epithelium, Mild]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell]			
[Hyperplasia TGLS = 4-10: Hyperplasia, Interstitial Cell, Minimal]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster & Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 410
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401402

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular, Hepatocyte	Necrosis	Marked
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
* Thyroid Gl			

Note: Only One Thyroid Gland Available For Histopathological Examination.

PRIMARY CAUSE OF DEATH - Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401403

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Large, Rectum		Polyp Adenomatous	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401403

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-10: Hyperplasia, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 6-5: Hyperplasia, Epithelium, Mild]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Minimal
[Carcinoma TGLS = 4-7: Carcinoma, Follicular Cell]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 428
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
Note: Only One Preputial Gland Available For Histopathologic Examination.			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
* Urin Bladder			
Note: TGL#2-5-NCL: Bladder Distended With Urine As Documented At Necropsy Suggests Urinary Tract Obstruction; However, Urinary Bladder Was Within Normal Limits.			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	Centrilobular, Hepatocyte	Necrosis	Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Squamous Cell Carcinoma	
Note: Slide #08 & 09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12: Keratoacanthoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Nose Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 649
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Moderate
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Minimal
[Eosinophilic Focus TGLS = 3-12: Eosinophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Degeneration	Cystic, Mild
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 6-7: Benign Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 67	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401407

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Hyperplasia	Mild
Note: TGL#1-12: Preputial Gland Mass, Documented At Necropsy, Is Mammary Gland Fibroadenoma Histologically.			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-14: Hyperplasia, Lymphoid, Lumbar, Mild]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-13: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401408

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-12: Carcinoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Granuloma Sperm	Mild
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 69	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401409

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.

* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 5-13: Hyperplasia,Epithelium,Mild]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 7-7: Pheochromocytoma, Benign]			
* Bone Marrow		Hyperplasia	Moderate
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
[Cataract TGLS = 1-12: Cataract, Lens, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 4-4: Thrombosis, Atrium, Moderate]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 70	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401410

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7: Adenoma, Pars Distalis]			
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 2-13: Carcinoma]			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Minimal
	Epithelium	Ulcer	Minimal
[Hyperplasia TGLS = 8-14: Hyperplasia, Epithelium, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401411

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2+12: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-13: Necrosis, Fat, Marked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 71	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401411

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401412

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-10: Hyperplasia, Marked]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 72	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401412

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 73	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 450
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401413

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Complex	
[Pheochromocytoma Complex TGLS = 2-7: Pheochromocytoma, Complex]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
* Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Nose		Fungus	
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Nasal Epithelium Is Autolytic. Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Preputial Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1-12: Adenoma, Bilateral]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
* Thyroid Gland	C Cell	Adenoma	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401414

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
[Degeneration TGLS = Degeneration, Fatty, Moderate]			
* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-7: Benign Pheochromocytoma]			
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Minimal
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5+12: Nephropathy, Chronic, Marked]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Vacuolization Cytoplasmic TGLS = 2-1: Vacuolization Cytoplasmic,Hepatocyte,Moderate]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-12: Necrosis, Fat, Marked]			
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 74	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401414

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Ulcer	Marked
[Ulcer TGLS = 7-5: Ulcer, Epithelium, Marked]			
* Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 1-10:Atrophy,Germinal Epithelium,Marked]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Stomach;Forestomach Epithelium Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 524
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401415

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 76	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 505
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401416

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3,4-13+14: Hepatodiaphragmatic Nodule]			
* Nose		Squamous Cell Carcinoma	
* Preputial Gl			
Note: TGL#5-10-NCL: Preputial Gld Did Not Appear Enlarged Histopathologically.			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12: Fibroma, Subcutaneous Tissue]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			

PRIMARY CAUSE OF DEATH - Nose Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Atrophy	Focal, Marked
		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 4-2: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 77	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401417

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster & Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 6-4: Thrombosis, Atrium, Marked]			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Oval Cell	Hyperplasia	Minimal
	Centrilobular, Hepatocyte	Necrosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Necrosis TGLS = 5-1: Necrosis, Hepatocyte, Centrilobular, Mild]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Erythrophagocytosis	Moderate
[Erythrophagocytosis TGLS = 8-12: Erythrophagocytosis, Moderate]			
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 7-14: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 78	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401418

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 1-13: Carcinoma]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 3-12: Fibrosis, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH	- Preputial Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 614
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 79	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 614
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401419

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gl			
Note: TGL#4-7-NCL: Parathyroid Glands Considered To Be WIthin Normal Limits Histologically.			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Stomach, Glandular	Epithelium	Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Centrilobular, Hepatocyte	Necrosis	Moderate
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Chronic Active, Marked
		Squamous Cell Carcinoma	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 80	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401420

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Nose Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 81	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401421

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Slide #09 - Fungal Cluster & Foreign Body (Hair/Food Particle) Associated With Inflammation In Nasal Cavity.

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 726
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Blood Vessel			
Note: TGL#8-13: Blood Vessel (Thoracic Aorta) Nodule, Documented At Necropsy, Is Mediastinal Hemangiosarcoma Histologically.			
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 7-4: Thrombosis, Atrium, Marked]			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 6-5: Nephropathy, Chronic, Mild]			
* Liver	Centrilobular, Hepatocyte	Degeneration	Moderate
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Degeneration TGLS = 9-1: Degen,Hepatocyte,Centrilobular,Moderate]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 82	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 726
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401422

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-1: Mononuclear Cell Leukemia]			
* Lung	Mediastinum	Hemangiosarcoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hemangiosarcoma TGLS = 8-13: Hemangiosarcoma, Mediastinum]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-13: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 2-14: Carcinoma]			
* Skin	Epidermis	Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 1-12: Hyperkeratosis, Epidermis. Marked]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10: Adenoma, Interstitial Cell, Bilateral]			
Tissue NOS			
Note: Only One Thyroid Gland Available For Histopathologic Examination.			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 579
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401423

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 4-5: Mononuclear Cell Leukemia]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 83	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 579
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401423

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
Note: Some Prostate Gland Also On Slide #10.			
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hypertrophy	Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 84	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401424

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
Note: TGL#2-12: Enlarged Pancreatic Lymph Node, Documented At Necropsy, Is Enlarged Pancreas Due To Mononuclear Cell Leukemia Histologically.			
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
Skeletal Muscle		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Leukemia Mononuclear	
	Epithelium	Ulcer	Moderate
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Epithelium Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
Eye	Retina	Atrophy	Moderate
	Retina	Hemorrhage	Mild
	Sclera	Metaplasia	Osseous, Mild

Note: The Right Retina Is Detached And Contains A Large Cystic Cavity Filled With Fibrin And Numerous Bright-Red Crystaline Structures.
[Hemorrhage TGLS = 1-12: Hemorrhage, Retina, Mild]

* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	

[Hepatodiaphragmatic Nodule TGLS = 8-1: Hepatodiaphragmatic Nodule]
[Leukemia Mononuclear TGLS = 7-1: Mononuclear Cell Leukemia]

* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	

[Leukemia Mononuclear TGLS = 2-6: Mononuclear Cell Leukemia]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 85	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401425

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Intermed	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4,6-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Ectopic Parathyroid Gland	Mild
		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 534
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401426

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-13: Mononuclear Cell Leukemia, Deep Cervical]			
[Leukemia Mononuclear TGLS = 9-2: Mononuclear Cell Leukemia, Mediastinal]			
[Leukemia Mononuclear TGLS = 6-12: Mononuclear Cell Leukemia, Lumbar]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-13: Necrosis, Fat, Marked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 86	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 534
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401426

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
[Hyperplasia TGLS = 1-10: Hyperplasia, Interstitial Cell, Minimal]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Carcinoma	
		Inflammation	Chronic Active, Mild
[Carcinoma TGLS = 1-10: Carcinoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 87	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401427

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401428

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Fibrous Histiocytoma	Metastatic (Skin)
		Granuloma Sperm	Marked
[Granuloma Sperm TGLS = 3-11: Sperm Granuloma, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 5-4: Thrombosis, Atrium, Marked]			
* Intestine Large, Colon		Parasite Metazoan	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Accumulation, Hyaline Droplet	Moderate
		Cyst	Moderate
		Fibrous Histiocytoma	Metastatic (Skin)
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
[Accumulation, Hyaline Droplet TGLS = 6-5: Hyaline Droplet Accumulation, Moderate]			
[Fibrous Histiocytoma TGLS = 6-5: Metastatic Fibrous Histiocytoma, Skin]			
[Nephropathy TGLS = 6-5: Nephropathy, Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 88	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 507
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401428

ORGAN AND ACCOUNTABLE SITE STATUS

* Lung		Fibrous Histiocytoma	Metastatic (Skin)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Fibrous Histiocytoma	Metastatic (Skin)
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation in Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 1-12: Fibrous Histiocytoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
		Ultimobranchial Cyst	Mild

PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrous Histiocytoma
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Kidney Fibrous Histiocytoma Skin;Lung Fibrous Histiocytoma Skin;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 647
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Marked
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Oral Mucosa	Pharyngeal	Necrosis	Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 1-12: Hyperplasia, Marked]			
* Prostate		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 89	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 647
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401429

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Salivary Glands	* Seminal Vesicle	* Spleen
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Kidney		Cyst	Mild
		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Mild
[Cyst TGLS = 4-13: Cyst, Mild]			
[Nephropathy TGLS = 3-5+13: Nephropathy, Chronic, Marked]			
* Liver	Bile Duct	Hyperplasia	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Parathyroid Gland		Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12: Squamous Cell Papilloma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 90	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 723
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401430

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401431

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 9-7: Pheochromocytoma, Benign]			
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 8-4: Thrombosis, Atrium, Moderate]			
* Kidney		Cyst	Moderate
		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 4-13: Cyst, Moderate]			
[Nephropathy TGLS = 3-15: Nephropathy, Chronic, Marked]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatocellular Carcinoma	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatocellular Carcinoma TGLS = 6-14: Hepatocellular Carcinoma]			
[Hepatodiaphragmatic Nodule TGLS = 5-1: Hepatodiaphragmatic Nodule]			
* Lung		Carcinoma	Metastatic (Thyroid Gland)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pancreas	Acinus	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401431

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			
[Hyperplasia TGLS = 2-10: Hyperplasia, Interstitial Cell, Minimal]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-12: Carcinoma, C-Cell]			

PRIMARY CAUSE OF DEATH	- Thyroid Gland C Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocellular Carcinoma;Lung Carcinoma Thyroid Gland;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401432

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Cecum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 5-12: Adenomatous Polyp]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Marked
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401432

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 3-7: Carcinoma, C-Cell]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 592
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Atrophy	Marked
		Leukemia Mononuclear	
* Brain		Necrosis	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 5-1: Hepatodiaphragmatic Nodule]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401434

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 1-10: Hyperplasia, Marked]			
* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 4-12: Fibrosis, Moderate]			
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 95	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401435

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-7: Benign Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-12: Carcinoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 435
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401437

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 1-12: Hyperplasia, Marked]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			

PRIMARY CAUSE OF DEATH - Preputial Gland Hyperplasia

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Clear Cell Focus TGLS = 3-1: Clear Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401438

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicle	Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Renal Tubule	Adenoma	
		Cyst	Moderate
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Moderate]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 5-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401439

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401440

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12: Keratoacanthoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401440

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
[Cataract TGLS = 1-12: Cataract, Lens, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401441

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401442

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 663
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401442

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401443

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-7: Malignant Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Cyst Epithelial Inclusion	
		Inflammation	Granulomatous, Mild
[Cyst Epithelial Inclusion TGLS = 1-12: Epithelial Inclusion Cyst]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
Coagulating Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-13: Inflammation, Chronic-Active, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 5-2: Hyperplasia,Lymphoid,Moderate,Mediastinal]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7: Adenoma, Pars Distalis]			
* Preputial Gland		Carcinoma	
Note: Only One Preputial Gland Available For Histopathologic Examination.			
[Carcinoma TGLS = 1-12: Carcinoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401444

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Marked
* Sem Ves			
Note: TGL#3-13: Seminal Vesicle Discoloration, Documented At Necropsy, Is Chronic Active Inflammation Involving Coagulating Glands Histologically.			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401445

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-10: Hyperplasia, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4,5-12+5 Nephropathy, Chronic, Mild]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401446

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]		
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Moderate
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 2-13: Carcinoma]			
[Fibroadenoma TGLS = 3-14: Fibroadenoma]			
Mesentery		Lipoma	
[Lipoma TGLS = 4-12: Lipoma]			
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401447

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Skin			
Note: TGL#2-13: Skin Mass, Documented At Necropsy, Is Mammary Gland Carcinoma Histologically.			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Note: TGL#1-12: Mammary Gland Mass, Documented At Necropsy, Is Subcutaneous Fibroma Histologically.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 5-7: Cyst, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12: Fibroma, Subcutaneous Tissue]			
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 4-4: Fibrosis, Mild]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401448

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Marked
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Hyperplasia TGLS = 6-2: Hyperplasia,Alveolar Epithelium,Moderate]			
[Leukemia Mononuclear TGLS = 7-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401449

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 8-2: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-13: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-12: Fibroadenoma]			
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 3	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401450

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Blood Vessel			
Note: TGL#10-7-NCL: Aorta Considered To Be Within Normal Limits Histologically.			
* Bone Marrow		Fibrous Histiocytoma	Metastatic (Liver)
		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Fibrous Histiocytoma	Metastatic (Liver)
[Fibrous Histiocytoma TGLS = 9-4: Fibrous Histiocytoma]			
* Kidney		Fibrous Histiocytoma	Metastatic (Liver)
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Fibrous Histiocytoma TGLS = 4-13: Fibrous Histiocytoma]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Fibrous Histiocytoma	
[Fibrous Histiocytoma TGLS = 7-1: Fibrous Histiocytoma]			
* Lung		Fibrous Histiocytoma	Metastatic (Liver)
[Fibrous Histiocytoma TGLS = 11-2+3: Fibrous Histiocytoma]			
Lymph Node	Mediastinal	Fibrous Histiocytoma	Metastatic (Liver)
* Lymph Node, Mandibular		Fibrous Histiocytoma	Metastatic (Liver)
[Fibrous Histiocytoma TGLS = 5-14: Fibrous Histiocytoma]			
* Lymph Node, Mesenteric		Fibrous Histiocytoma	Metastatic (Liver)
* Parathyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401451

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#8-7-NCL: Parathyroid Gld Considered To Be Within Normal Limits Histologically.

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Fibrous Histiocytoma	Metastatic (Liver)
[Fibrous Histiocytoma TGLS = 1-14: Fibrous Histiocytoma]			
* Spleen		Fibrous Histiocytoma	Metastatic (Liver)
		Necrosis	Moderate
[Fibrous Histiocytoma TGLS = 6-13: Fibrous Histiocytoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
[Atrophy TGLS = 2-10: Atrophy, Germinal Epithelium, Marked]			
* Thymus		Fibrous Histiocytoma	Metastatic (Liver)
[Fibrous Histiocytoma TGLS = 12-12: Fibrous Histiocytoma]			

PRIMARY CAUSE OF DEATH - Liver Fibrous Histiocytoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 443
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401452

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
Note: Some Prostate Gland Tissue Also On Slide #10			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401454

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401454

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401455

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Atrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 5-5: Mononuclear Cell Leukemia]			
[Pigmentation TGLS = 5-5: Pigment,Renal Tubule,Mild]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Portal Vein	Thrombosis	Marked
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Alveolar/Bronchiolar Carcinoma	
		Leukemia Mononuclear	
[Alveolar/Bronchiolar Carcinoma TGLS = 9-2: Alveolar Bronchiolar Carcinoma]			
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401455

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 4-12: Mononuclear Cell Leukemia, Lumbar]			
[Leukemia Mononuclear TGLS = 8-2: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked
[Necrosis TGLS = 6-13: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal
[Adenoma TGLS = 7-7: Adenoma, Follicular Cell]			

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401456

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Hyperplasia	Plasma Cell, Marked
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-13: Fibroadenoma]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Moderate

Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401456

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-14: Carcinoma]			

PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Mammary Gland Fibroadenoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 5-7: Pheochromocytoma, Bilateral]			
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 6-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401457

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-10: Hyperplasia, Marked]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	Mesentery
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	Spinal Cord	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 6-7: Malignant Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5+12: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-12: Hyperplasia,Lymphoid,Mild,Mediastinal]			
Mesentery			
Note: TGL#3-13: Mesenteric Nodule, Documented At Necropsy, Is Pancreatic Acinar Adenoma Histologically.			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401458

ORGAN AND ACCOUNTABLE SITE STATUS

	Acinus	Atrophy	Minimal
[Adenoma TGLS = 3-13: Adenoma, Acinus]			
* Preputial Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-10: Hyperplasia, Marked]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Basal Cell, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Moderate
		Leukemia Mononuclear	

[Ectasia TGLS = 6-4: Ectasia, Moderate]

* Mammary Gl

Note: TGL#1-13: Mammary Gland Mass, Documented At Necropsy, Is A Subcutaneous Tissue Fibroma Histopathologically.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 666
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401459

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Marked
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland	Duct	Cyst	Moderate
		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Cyst TGLS = 3-12: Cyst, Duct, Moderate]			
[Hyperplasia TGLS = 2-12: Hyperplasia, Mild]			
[Inflammation TGLS = 2-12: Inflammation, Chronic-Active, Moderate]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-13: Fibroma, Subcutaneous Tissue]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401461

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 2-12: Hyperkeratosis, Epidermis, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401462

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 2-12: Accessory Spleen]			
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Mild
Note: TGL#2-12: Pancreatic Nodule, Documented At Trim, Is An Accessory Spleen Histologically.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401463

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12: Mononuclear Cell Leukemia]			
[Leukemia Mononuclear TGLS = 4-13: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401464

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-7: Benign Pheochromocytoma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
Oral Mucosa	Gingival	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Minimal]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401465

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Mild]			
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401466

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 640
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-11: Malignant Mesothelioma]			
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Minimal
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular, Hepatocyte	Necrosis	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1-12: Malignant Mesothelioma]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Mesothelioma Malignant	
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Moderate
* Intestine Small, Ileum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 7-6: Hyperplasia, Lymphoid, Moderate]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401468

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-13: Adenoma]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 6-12: Fibrosis, Mild]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
[Atrophy TGLS = 2-10: Atrophy, Germinal Epithelium, Marked]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 640
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 640
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401469

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Hyperplasia	Minimal
Tongue		Inflammation	Chronic Active, Moderate
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-13: Squamous Cell Papilloma]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Parathyroid Gland	Peripheral Nerve
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
Spinal Cord	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Necrosis	Moderate
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia, Lumbar]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4: Mononuclear Cell Leukemia]			
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401470

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Intermed	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Marked
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Int Lg Cecum			
Note: TGL#6-5-NCL:Cecal Focus,Documented AT Trim,Is Normal Intestinal Lymphoid Tissue (Peyer's Patch).			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Hyperplasia TGLS = 4-12: Hyperplasia,Lymphoid,Mild,Mediastinal]			
* Lymph Node, Mesenteric		Pigmentation	Hemosiderin, Mild
Note: In Addition To The Hemosiderin Pigment, There Is An Amount Of Dark Black Pigment Which Is Felt To Be Phagocytized Tattoo Ink.			
[Pigmentation TGLS = 5-14: Pigment, Hemosiderin, Mild]			
Mesentery			
Note: TGL#5-14: Focus, Documented At Necropsy, Is Pigmented Mesenteric Lymph Node Histologically.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401471

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Carcinoma	
[Carcinoma TGLS = 2-11: Carcinoma]			
* Skin	Epidermis	Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 1-13: Hyperkeratosis, Epidermis, Marked]			
* Stomach, Forestomach		Squamous Cell Carcinoma	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-12: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Moderate
* Intestine Large, Cecum		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 6-5: Hyperplasia, Lymphoid, Minimal]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-12: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 4-1+12: Mononuclear Cell Leukemia]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401472

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 583
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose		Hemorrhage	Marked
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Nose Hemorrhage

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone	Vertebra	Chordoma	
[Chordoma TGLS = 11-13: Chordoma, Vertebra]			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
	Atrium	Thrombosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Moderate
[Leukemia Mononuclear TGLS = 4-5: Mononuclear Cell Leukemia]			
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Mild]			
[Pigmentation TGLS = 4-5: Pigment,Renal Tubule,Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-1: Mononuclear Cell Leukemia]			
* Lung		Chordoma	Metastatic (Bone)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401474

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 9-2: Mononuclear Cell Leukemia, Mediastinal]			
[Leukemia Mononuclear TGLS = 7-12: Mononuclear Cell Leukemia, Lumbar]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 10-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-12: Necrosis, Fat, Marked]			
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
[Atrophy TGLS = 2-10: Atrophy, Germinal Epithelium, Marked]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Bone Vertebra Chordoma;Heart Atrium Thrombosis;Lung Chordoma Bone

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Nose
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Blood Vessel	Aorta	Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13: Mononuclear Cell Leukemia]			
[Leukemia Mononuclear TGLS = 4-2: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 624
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401475

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-12: Squamous Cell Carcinoma]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Nose Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Adenoma	
[Adenoma TGLS = 4-7: Adenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Basal Cell, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401477

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
[Atrophy TGLS = 2-10: Atrophy, Germinal Epithelium, Marked]			
* Thymus		Thymoma Malignant	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 7-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-13: Mononuclear Cell Leukemia, Renal]			
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia, Pancreatic]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401478

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Leukemia Mononuclear	
	Epithelium	Ulcer	Marked
[Ulcer TGLS = 5-12: Ulcer, Epithelium, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Marked
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Moderate
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-2: Mononuclear Cell Leukemia, Mediastinal]			
[Leukemia Mononuclear TGLS = 4-12: Mononuclear Cell Leukemia, Pancreatic]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401480

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked
[Necrosis TGLS = 3-13: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Malignant	
Eye	Cornea	Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-12: Inflammation,Chronic-Active,Mild,Cornea]			
* Heart		Cardiomyopathy	Chronic, Moderate
	Atrium	Thrombosis	Mild
* Kidney		Cyst	Mild
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic-Active, Moderate]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
		Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Minimal
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Hyperplasia TGLS = 4-2: Hyperplasia,Lymphoid,Minimal,Mediastinal]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401481

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5+12: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 1-13: Fibroadenoma]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401482

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Cyst	Moderate
		Hyperplasia	Cystic, Mild
[Cyst TGLS = 1-12: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen			
Note: TGL#4-4-NCL; Splenic Deformity, Documented At Trim, Not Apparent Histologically.			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401483

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Minimal
Tissue NOS			

Note: TGL#1-12: Tissue NOS Nodule, Documented At Necropsy, Is Mammary Gland Cyst Histologically.

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Kidney		Infarct	Marked
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Infarct TGLS = 8-12: Infarct, Marked]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLS = 7-1: Hepatocellular Adenoma]			
[Leukemia Mononuclear TGLS = 5,6-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2: Mononuclear Cell Leukemia, Mediastinal]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 645
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401484

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-4: Mononuclear Cell Leukemia]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-12: Fibrosis, Mild]			
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Stomach, Glandular		Inflammation	Chronic Active, Mild
	Epithelium	Ulcer	Marked
[Ulcer TGLS = 10-5: Ulcer, Epithelium, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401485

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 527
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Marked
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 4-5: Mononuclear Cell Leukemia]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 527
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401486

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Epithelium	Ulcer	Marked
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Marked
		Inflammation	Chronic Active, Mild
[Hyperkeratosis TGLS = 1-12: Hyperkeratosis, Epidermis, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-5: Mononuclear Cell Leukemia]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Fungus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401488

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 10-4: Thrombosis, Atrium, Moderate]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Renal	Pheochromocytoma Malignant	Metastatic (Adrenal Medulla)
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 8-14: Mononuclear Cell Leukemia, Pancreatic]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401489

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 9-2: Mononuclear Cell Leukemia, Mediastinal]			
[Leukemia Mononuclear TGLS = 6-12: Monuonuclear Cell Leukemia, Renal]			
[Pheochromocytoma Malignant TGLS = 6-12: Pheochromocytoma Malignant]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4: Mononuclear Cell Leukemia]			
* Mammary Gl			
Note: TGL#1-13: Mass, Documented At Necropsy, Is Subcutaneous Fibroma Histologically.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibroma	
		Keratoacanthoma	
[Fibroma TGLS = 1-13: Fibroma, Subcutaneous Tissue]			
[Keratoacanthoma TGLS = 2-12: Keratoacanthoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 557
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Pituitary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Mild
		Inflammation	Suppurative, Mild
		Leukemia Mononuclear	
* Heart		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
Note: Heart Valves Contain Massive Growth Of Bacteria Which Are Embolizing. Evidence Of This Is Observed In Heart, Brain & Kidney.			
* Kidney		Inflammation	Suppurative, Moderate
		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2: Mononuclear Cell Leukemia, Mediastinal]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 557
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401490

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-4: Mononuclear Cell Leukemia]			
* Nose		Fungus	
		Inflammation	Chronic Active, Mild
Note: Nasal Epithelium Is Autolytic. Slide #09 - Fungal Cluster Associated With Inflammaion In Nasal Cavity.			
* Preputial Gland		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart	Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Moderate
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Degeneration	Mild
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
[Degeneration TGLS = 5-1: Degeneration,Hepatocyte,Centrilobular,Mild]			
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 6-12: Malignant Mesothelioma]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Mesothelioma Malignant	
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Mesothelioma Malignant	
[Hematopoietic Cell Proliferation TGLS = 3-4: Hematopoietic Cell Proliferation]			
[Mesothelioma Malignant TGLS = 4-4: Malignant Mesothelioma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 151	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401491

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
		Mesothelioma Malignant
[Adenoma TGLS = 7-10: Adenoma, Interstitial Cell, Bilateral]		
[Mesothelioma Malignant TGLS = 1-10: Malignant Mesothelioma]		
* Thyroid Gland	C Cell	Adenoma
* Urinary Bladder		Mesothelioma Malignant
PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Moderate
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-14: Fibroadenoma]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-12: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401492

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-13: Adenoma]			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	
[Fibrosis TGLS = 6,7-12: Fibrosis, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 521
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Minimal
[Adenoma TGLS = 1-12: Adenoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 521
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401493

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Preputial Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Ectasia	Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster & Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland	Duct	Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 154	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401494

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Cyst TGLS = 2-10: Cyst, Duct, Moderate]			
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Basal Cell Carcinoma	
[Basal Cell Carcinoma TGLS = 1-12: Basal Cell Carcinoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 6-7: Carcinoma, C-Cell]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-6+12: Hemorrhage, Moderate]			
[Leukemia Mononuclear TGLS = 5-6+12: Mononuclear Cell Leukemia]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 155	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401495

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 6-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicle	Cyst	Mild
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Brain Hemorrhage;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 156	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Necrosis	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 157	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 563
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401497

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 482
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13: Mononuclear Cell Leukemia, Peyers Patch]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hemorrhage	Marked
[Hemorrhage TGLS = 3-7: Hemorrhage, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 158	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 482
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401498

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]

* Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Hemorrhage		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 7-6: Hemorrhage, Moderate]			
* Heart		Leukemia Mononuclear	
* Intestine Large, Cecum		Leukemia Mononuclear	
* Intestine Small, Jejunum	Peyers Patch	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12: Mononuclear Cell Leukemia, Peyers Patch]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 4-5: Mononuclear Cell Leukemia]			
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 159	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401499

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Intermed	Cyst	Mild
		Leukemia Mononuclear	
Note: Atypical Cells Look Like Histiocytes Intermingled With Some Cholesterol Clefts Microscopically.			
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
		Necrosis	Mild
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 160	**TRT#:** 5	**SEX:** Male	**DAY ON TEST:** 360
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-12: Carcinoma]			
* Prostate		Inflammation	Chronic Active, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Preputial Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
	Atrium	Thrombosis	Marked
[Thrombosis TGLS = 6-4: Thrombosis, Atrium, Marked]			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
	Centrilobular, Hepatocyte	Necrosis	Marked
[Eosinophilic Focus TGLS = 5-1: Eosin Focus]			
[Necrosis TGLS = 4-1: Necrosis,Hepatocyte,Centrilobular,Marked]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
Note: Respiratory Epithelium Is Autolytic.			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 161	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401501

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
Zymbal's Gland		Adenoma	
[Adenoma TGLS = 1-12: Adenoma]			
PRIMARY CAUSE OF DEATH	- Heart Atrium Thrombosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 162	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401502

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Cyst Epithelial Inclusion	
		Squamous Cell Papilloma	
[Cyst Epithelial Inclusion TGLS = 6-14: Epithelial Inclusion Cyst]			
[Squamous Cell Papilloma TGLS = 7-12: Squamous Cell Papilloma]			
* Spleen		Leukemia Mononuclear	
		Necrosis	Marked
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
[Necrosis TGLS = 5-12: Necrosis, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland		Ectopic Tissue	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12: Fibroma, Subcutaneous Tissue]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401503

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 164	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401504

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-7: Benign Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Mild]			
[Pigmentation TGLS = 3-5: Pigment,Renal Tubule, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 165	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401505

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 6-7: Cyst, Pars Distalis, Moderate]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-12: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-7: Benign Pheochromocytoma, Bilateral]			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-12: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 9-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-4: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 166	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401506

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-13: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Bilateral Pheochromocytoma Benign;Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose		Fungus	
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-12: Adenoma]			
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 167	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 544
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401507

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-7: Adenoma, C-Cell]

PRIMARY CAUSE OF DEATH - Preputial Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 3-6: Malignant Astrocytoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 168	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401508

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 8-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 6-1, 10-13: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-12: Necrosis, Fat, Merked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 169	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401509

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 9-7: Hyperplasia, Pars Distalis, Moderate]			
[Leukemia Mononuclear TGLS = 9-7: Mononuclear Cell Leukemia]			
* Preputial Gland		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
		Squamous Cell Papilloma	
[Keratoacanthoma TGLS = 2-13: Keratoacanthoma]			
[Squamous Cell Papilloma TGLS = 1-12: Squamous Cell Papilloma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 170	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 660
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401510

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 1-10: Hyperplasia, Mild]			
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 3-4: Ectasia, Moderate]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Spleen			

Note: TGL#2-4-NCL: Spleen Considered To Be Within Normal Limits Histologically.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 171	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401511

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Islets, Pancreatic	* Pancreas

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 7-7: Benign Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Osteosarcoma	Metastatic (Spleen)
[Osteosarcoma TGLS = 6-17: Metastatic Osteosarcoma, Spleen]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Osteosarcoma	Metastatic (Spleen)
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Osteosarcoma TGLS = 11-2: Metastatic Osteosarcoma,Mediastinal,Spleen]			
* Lymph Node, Mesenteric		Osteosarcoma	Metastatic (Spleen)
[Osteosarcoma TGLS = 10-14:Metastatic Osteosarcoma, Spleen]			
Mesentery	Fat	Osteosarcoma	Metastatic (Spleen)
[Osteosarcoma TGLS = 3,4-13:Metastatic Osteosarcoma, Fat, Spleen]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401512

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Osteosarcoma	Metastatic (Spleen)
[Osteosarcoma TGLS = 8-12: Metastatic Osteosarcoma, Spleen]			
* Spleen		Osteosarcoma	
[Osteosarcoma TGLS = 5-16: Osteosarcoma]			
* Stomach, Forestomach		Osteosarcoma	Metastatic (Spleen)
[Osteosarcoma TGLS = 9-15: Metastatic Osteosarcoma, Spleen]			
* Stomach, Glandular		Osteosarcoma	Metastatic (Spleen)
[Osteosarcoma TGLS = 9-15:Metastatic Osteosarcoma, Spleen]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 5-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 6-7: Hyperplasia, Pars Distalis, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 173	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401513

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401514

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]
[Atrophy TGLS = 1-10: Atrophy, Germinal Epithelium, Mild]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Ectasia	Moderate
[Ectasia TGLS = 2-6: Ectasia, Moderate]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 620
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 177	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401517

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401518

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Skin	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-13: Mononuclear Cell Leukemia, Pancreatic]			
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 561
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401519

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
	Epithelium	Ulcer	Mild
* Stomach, Glandular		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401520

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-12: Fibrosis, Mild]			
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney	Renal Tubule	Carcinoma	
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Moderate
[Carcinoma TGLS = 4-13: Carcinoma, Renal Tubule]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 181	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401521

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Moderate
[Hyperkeratosis TGLS = 1-12: Hyperkeratosis, Epidermis, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 182	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 183	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
Note: One of pair missing.			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Renal Tubule	Carcinoma	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
[Carcinoma TGLS = 4-13: Carcinoma, Renal Tubule]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Marked
		Inflammation	Chronic Active, Mild
		Keratoacanthoma	
[Hyperkeratosis TGLS = 2-12: Hyperkeratosis, Epidermis, Marked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 184	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401524

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-14: Keratoacanthoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 518
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12: Keratoacanthoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4: Mononuclear Cell Leukemia]			
* Stomach, Glandular	Epithelium	Erosion	Mild
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 518
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401525

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			
* Urinary Bladder		Hemorrhage	Marked
[Hemorrhage TGLS = 3-5: Hemorrhage, Marked]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 614
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Marked
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gl			
Note: TGL1-12: Mammary Gld Mass, Documented At Necropsy, Is Subcutneous Fibroma Histopathologically.			
* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 614
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401526

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12: Fibroma, Subcutaneous Tissue]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-5: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			
[Hyperplasia TGLS = 2-10: Hyperplasia, Interstitial Cell, Mild]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Mild
		Hypertrophy	Moderate
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 5-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Cyst	Moderate
		Hyperplasia	Cystic, Mild
[Cyst TGLS = 6-7, 7-12: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401527

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-12: Fibrosarcoma, Subcutaneous Tissue]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			
[Atrophy TGLS = 3-10: Atrophy, Germinal Epithelium, Marked]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 188	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 213
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 3-13: Carcinoma]			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Inflammation	Chronic Active, Moderate
	Fat	Necrosis	Marked
[Inflammation TGLS = 1-12: Inflammation, Chronic Active, Moderate]			
[Necrosis TGLS = 1-12: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 189	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401529

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 190	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401530

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 1-10: Hyperplasia, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Mild
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
Skel Muscle			
Note: TGL#4-12: Skeletal Muscle Mass, Documented At Necropsy, Is Subcutaneous Fibrosarcoma Histologically.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401531

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 4-12: Fibrosarcoma, Subcutaneous Tissue]			
* Stomach, Glandular	Epithelium	Erosion	Minimal
	Epithelium	Ulcer	Marked
[Erosion TGLS = 5-13: Erosion, Epithelium, Minimal]			
[Ulcer TGLS = 5-5: Ulcer, Epithelium, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: TGL#2-10-NCL: Testicular Size Considered To Be Within Normal Limits Histologically.			
* Thyroid Gland	C Cell	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7: Hyperplasia, C-Cell, Mild]			
PRIMARY CAUSE OF DEATH	- Skin Subcut Tiss Fibrosarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 6-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 709
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401532

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin		Necrosis	Moderate
[Necrosis TGLS = 1-12: Necrosis, Moderate]			
* Spleen		Leukemia Mononuclear	
		Necrosis	Moderate
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
[Necrosis TGLS = 4-12: Necrosis, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Brain		Carcinoma	Metastatic (Pituitary Gland)
* Heart		Cardiomyopathy	Chronic, Mild
		Mineralization	Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-13: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 3-7: Carcinoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 193	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401533

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Epidermis	Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 4-12: Hyperkeratosis, Epidermis, Marked]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Preputial Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea		

MISSING

* Prostate	* Seminal Vesicle	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Hepatocyte	Degeneration	Cystic, Marked
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Degeneration TGLS = 5-1: Degeneration,Cystic,Hepatocyte,Marked]			
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
	Mediastinum	Squamous Cell Carcinoma	Metastatic (Lung)
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 6-13:Metastatic Squam Cel Carc,Mediastinum,Lung]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401534

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 7-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus			
Note: TGL#6-13:Enlarged Thymus,Documented At Necropsy,Is Metastatic Pulmonary Squamous Cell Carcinoma Involving The Mediastinum.			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
Eye	Retina	Atrophy	Moderate
	Lens	Cataract	Moderate
[Cataract TGLS = 1-12: Cataract, Lens, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Intermed	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401535

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 4-1: Hyperplasia, Bile Duct, Moderate]			
* Lung		Leukemia Mononuclear	
Lymph Node	Pancreatic	Ectasia	Mild
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Ectasia TGLS = 5-12: Ectasia, Mild, Pancreatic]			
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia, Pancreatic]			
* Pancreas	Acinus	Atrophy	Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin			

Note: TGL#1-12-NCL: Skin Was Considered To Be Within Normal Limits Histopathologically. Hair Loss Was Superficial & Probably Due To Friction And/Or Barbering.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 196	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401536

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]		
* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]		
Tongue		Squamous Cell Carcinoma
[Squamous Cell Carcinoma TGLS = 6-12: Squamous Cell Carcinoma]		

PRIMARY CAUSE OF DEATH	- Tongue	Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-13: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Intestine Small, Ileum	Peyers Patch	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 6-12: Inflammation,Chr Act,Peyers Patch, Marked]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 197	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401537

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicular Cel	Carcinoma	
	C Cell	Hyperplasia	Minimal
[Carcinoma TGLS = 7-7: Carcinoma, Follicular Cell]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Pigmentation TGLS = 2-5: Pigment,Renal Tubule,Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 707
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401538

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-12: Cyst, Epithelial Inclusion]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13: Mononuclear Cell Leukemia]			
* Testes	Germinal Epith	Atrophy	Minimal
	Interstit Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 621
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Mild]			
* Liver	Centrilobular, Hepatocyte	Degeneration	Mild
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
[Degeneration TGLS = 2-1: Degen,Hepatocyte,Centrilobular,Mild]			
[Hyperplasia TGLS = 2-1: Hyperplasia, Bile Duct, Mild]			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Germinal Epith	Atrophy	Marked
[Atrophy TGLS = 1-10: Atrophy, Germinal Epithelium, Marked]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401540

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#4-7: Discolored Parathyroid Gland, Documented At Trim, Is Thyroid Gland C-Cell Adenoma Histologically.
[Adenoma TGLS = 4-7: Adenoma, C-Cell]

Zymbal's Gland	Carcinoma

[Carcinoma TGLS = 1-12: Carcinoma]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Cecum		Inflammation	Chronic Active, Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-13: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401541

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Prostate		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Seminal Vesicle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Nose	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder

MISSING

* Thymus

AUTO PRECLUDES DIAG.

* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Moderate
	Atrium	Thrombosis	Minimal
[Thrombosis TGLS = 3-12: Thrombosis, Atrium, Minimal]			
* Int Lg Cecum			
Note: TGL#7-5-NCL: Cecum Is Autolyzed, Cause Of Red Discoloration, Documented At Necropsy, Not Apparent Histologically.			
* Int Lg Colon			
Note: TGL#8-4-NCL: Autolysis Precludes Diagnosis.			
* Int Lg Rectum			
Note: TGL#9-4-NCL: Autolysis Precludes Diagnosis.			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
	Centrilobular, Hepatocyte	Necrosis	Mild
[Necrosis TGLS = 2-1: Necrosis,Hepatocyte,Centrilobular,Mild]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lym Node Mesen			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401542

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL#10-4-NCL: Autolysis Precludes Diagnosis.

* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

Note: TGL#5-7-NCL: Thyroid Glands Are Autolyzed. Focus, Documented At Necropsy Involving The Left Gland, Not Apparent Histologically.

[Hyperplasia TGLS = 4-7: Hyperplasia, C-Cell, Minimal]

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Medulla Bilateral Pheochromocytoma Benign;Heart Atrium Thrombosis;Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Moderate
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 4-14: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Carcinoma TGLS = 3-13: Metastatic C-Cell Carcinoma,Deep Cervical]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 203	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401543

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]		
* Thyroid Gland	C Cell	Carcinoma
[Carcinoma TGLS = 2-12: Carcinoma, C-Cell]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Bone	* Bone Marrow	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Thymus

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7: Benign Pheochromocytoma]			
* Blood Vessel	Aorta	Mineralization	Moderate
[Mineralization TGLS = 4-7: Mineralization, Aorta, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Cyst	Mild
		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 5-12: Cyst, Mild]			
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Marked]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung	Interstitium	Mineralization	Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401544

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Marked
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Marked
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 205	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401545

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 5-7: Carcinoma, C-Cell]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 206	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401546

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Slide #09 - Fungal Cluster & Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.

* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-12: Squamous Cell Papilloma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 207	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401547

ORGAN AND ACCOUNTABLE SITE STATUS

	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Brain		Gliosis	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401548

ORGAN AND ACCOUNTABLE SITE STATUS

* Urinary Bladder	Transit Epithe	Papilloma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5: Nephropathy, Chronic, Mild]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 209	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401549

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1,2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 5-12: Ectasia, Moderate]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 7	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401550

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 6-12: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401551

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-10: Adenoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell]			
[Hyperplasia TGLS = 2-10: Hyperplasia, Interstitial Cell, Minimal]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Preputial Gland Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Eye

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 2-10: Hyperplasia, Mild]			
[Inflammation TGLS = 2-10: Inflammation, Chronic-Active, Moderate]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401552

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibrosis TGLS = 4-4: Fibrosis, Mild]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401553

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 3-12: Keratoacanthoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Note: One of pair insufficient for examination.			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 3-13: Ectasia, Moderate]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 214	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401554

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 3-5+12: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 1-12: Fibrosis, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401555

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 6-7: Hyperplasia, Mild]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12: Keratoacanthoma]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401556

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]		
* Thyroid Gland	Follicular Cel	Adenoma
[Adenoma TGLS = 5-7: Adenoma, Follicular Cell]		
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 550
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Mild
[Adenoma TGLS = 1-12: Adenoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Preputial Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Salivary Glands
* Seminal Vesicle	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Preputial Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone		Fibrous Osteodystrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5+14: Nephropathy, Chronic, Marked]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 6-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-15: Fibroadenoma]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Parathyroid Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 7-7: Hyperplasia, Moderate]			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 715
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401558

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Marked
		Keratoacanthoma	
[Hyperkeratosis TGLS = 3-12: Hyperkeratosis, Epidermis, Marked]			
[Keratoacanthoma TGLS = 1-13: Keratoacanthoma]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma;Skin Keratoacanthoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401559

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401560

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 6-6: Hemorrhage, Moderate]			
[Leukemia Mononuclear TGLS = 6-6: Mononuclear Cell Leukemia]			
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Moderate]			
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401561

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Chronic Active, Minimal
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Marked
[Hyperkeratosis TGLS = 1-12: Hyperkeratosis, Epidermis, Marked]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Ectasia	Mild
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Ectasia TGLS = 5-2: Ectasia, Mild, Mediastinal]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-12: Necrosis, Fat, Marked]			
* Preputial Gland		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 2-10: Inflammation, Chronic-Active, Marked]			
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Cyst Epithelial Inclusion	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 222	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401562

ORGAN AND ACCOUNTABLE SITE STATUS

	[Cyst Epithelial Inclusion TGLS = 1-13: Epithelial Inclusion Cyst]	
* Testes	Bilateral, Interstit Cell	Adenoma
	[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]	
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lym Node Mesen			
Note: TGL#4-12: Enlarged Mesenteric Lymph Node, Documented At Necropsy, Is Necrotic Mesenteric Fat Nodule Histologically.			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-12: Necrosis, Fat, Marked]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen			
Note: TGL#3-4-NCL: Spleen Considered To Be Within Normaal Limits Histologically.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 223	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401563

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 614
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Marked
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 6-11: Malignant Mesothelioma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Cecum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 9-4: Malignant Mesothelioma]			
* Intestine Small, Duodenum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 10-4: Malignant Mesothelioma]			
* Intestine Small, Ileum		Carcinoma	Metastatic (Intestine Small, Jejunum)
		Mesothelioma Malignant	
* Intestine Small, Jejunum		Carcinoma	
		Mesothelioma Malignant	
[Carcinoma TGLS = 13-14: Carcinoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Marked
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Note: TGL#12_NST: Trimmers Were Unable To Identify Liver Nodule Documented At Necropsy.			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Marked
* Lymph Node, Mesenteric		Ectasia	Moderate
		Mesothelioma Malignant	
[Ectasia TGLS = 14-12: Ectasia, Moderate]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 614
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401564

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 3-12: Malignant Mesothelioma]			
* Pancreas		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-4: Malignant Mesothelioma]			
Peritoneum		Mesothelioma Malignant	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 7-10: Malignant Mesothelioma]			
Skeletal Muscle		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 11-12: Malignant Mesothelioma, Diaphragm]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-13: Fibroma, Subcutaneous Tissue]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 8-5: Malignant Mesothelioma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-10: Malignant Mesothelioma]			
* Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Granuloma Sperm	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Minimal
[Fibrosis TGLS = 2-4: Fibrosis, Minimal]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Chronic, Moderate
* Intestine Large, Colon		Leiomyoma	
[Leiomyoma TGLS = 3-12: Leiomyoma]			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Marked
		Squamous Cell Carcinoma	
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401566

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]		
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 3-7: Benign Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Cecum		Polyp Adenomatous	
[Polyp Adenomatous TGLS = 4-12: Adenomatous Polyp]			
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 227	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401567

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Mild
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Hyperplasia TGLS = 5-2: Hyperplasia,Lymphoid,Mild,Mediastinal]			
* Mammary Gland		Cyst	Marked
		Hyperplasia	Cystic, Mild
[Cyst TGLS = 1-13: Cyst, Marked]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-14: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 228	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401568

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 4-12: Carcinoma, Follicular Cell]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 4-13: Ectasia, Moderate]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Adenoma	
		Inflammation	Chronic Active, Moderate
[Adenoma TGLS = 1-12: Adenoma]			
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401570

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-12: Squamous Cell Papilloma]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 613
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Ectasia	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401572

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
		Myelofibrosis	Mild
* Heart	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 7-4: Thrombosis, Atrium, Moderate]			
* Intestine Small, Duodenum		Ulcer	Marked
* Kidney	Renal Tubule	Hyperplasia	Marked
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Moderate]			
* Liver	Centrilobular, Hepatocyte	Degeneration	Marked
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Minimal
[Degeneration TGLS = 6-1:Degen,Hepatocyte,Centrilobular,Marked]			
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 8-7: Hyperplasia, Mild]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	Multiple
		Trichoepithelioma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 708
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401573

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1,2-12+13: Keratoacanthoma, Multiple]			
[Trichoepithelioma TGLS = 3-14: Trichoepithelioma]			
* Stomach, Glandular	Epithelium	Erosion	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH	- Heart Atrium Thrombosis
CONTRIBUTORY CAUSE OF DEATH	- Intestine Small;Duodenum Ulcer;Kidney Nephropathy;Liver Centrilobular Hepatocyte Degeneration;Skin Keratoacanthoma;Skin Trichoepithelioma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 6-7: Malignant Pheochromocytoma]			
* Bone Marrow		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 5-5: Nephropathy, Chronic, Marked]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-13: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401574

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Marked
		Inflammation	Chronic Active, Mild
	Subcut Tiss	Schwannoma Malignant	
[Hyperkeratosis TGLS = 2-12: Hyperkeratosis, Epidermis, Marked]			
[Schwannoma Malignant TGLS = 1-12: Malignant Schwannoma, Subcutaneous Tissue]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 360
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Epididymis	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Islets, Pancreatic	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Marked
* Intestine Large, Rectum		Inflammation	Chronic Active, Moderate
* Intestine Small, Duodenum		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-13: Inflammation,Chronic Active,Mild]			
* Intestine Small, Ileum		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 3-13: Inflammation,Chronic Active,Marked]			
* Intestine Small, Jejunum		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-1: Inflammation,Chronic-Active,Mild]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
		Inflammation	Granulomatous, Moderate
[Hyperplasia TGLS = 5-12: Hyperplasia, Lymphoid, Marked]			
[Inflammation TGLS = 5-12: Inflammation,Granulomatous,Moderate]			
Mesentery		Inflammation	Chronic Active, Mild
Note: Corresponds To The Colonic Adhesion Documented At Necropsy.			
Note: Probably Represents Attempt To Plug An Intestinal Perforation Which Resulted In The Peritonitis Observed Histopathologically.			
[Inflammation TGLS = 4-12: Inflammation, Chronic-Active, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 360
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401576

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Moderate
* Seminal Vesicle		Inflammation	Chronic Active, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Mesentery Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Intestine Large;Rectum Inflammation;Intestine Small;Duodenum Inflammation;Intestine Small;Ileum Inflammation;Intestine Small;Jejunum Inflammation;Lymph Node;Mesenteric Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Craniophar Dct	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, C-Cell]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401577

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Thyroid Gland C Cell Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pituitary Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Blood Vessel	Aorta	Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Moderate
* Kidney		Cyst	Marked
		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Marked]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
Oral Mucosa		Squamous Cell Papilloma	
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401578

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gland		Hyperplasia	Moderate
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Fibrosis	Mild
[Fibrosis TGLS = 3-4: Fibrosis, Mild]			
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 592
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Trachea	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Mesothelioma Malignant	
* Heart		Leukemia Mononuclear	
* Intestine Large, Colon		Ulcer	Moderate
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Marked
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mesothelioma Malignant	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Inflammation	Granulomatous, Moderate
	Mediastinal	Pigmentation	Hemosiderin, Mild
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 7-12: Malignant Mesothelioma]			
* Nose		Squamous Cell Carcinoma	
* Pancreas		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-4: Malignant Mesothelioma]			
Peritoneum		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 5-12: Malignant Mesothelioma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 239	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 592
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401579

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Mesothelioma Malignant	
* Seminal Vesicle		Mesothelioma Malignant	
* Skin		Basal Cell Adenoma	
[Basal Cell Adenoma TGLS = 6-12: Basal Cell Adenoma]			
* Spleen		Leukemia Mononuclear	
		Mesothelioma Malignant	
* Stomach, Glandular		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 8-5: Malignant Mesothelioma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
		Mesothelioma Malignant	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
[Mesothelioma Malignant TGLS = 3-10: Malignant Mesothelioma]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Mesothelioma Malignant	

PRIMARY CAUSE OF DEATH	- Mesentery Mesothelioma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 265
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular, Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH - Brain Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Marked]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
[Degeneration TGLS = 7-12: Degeneration,Hepatocyte,Cystic,Mild]			
[Hepatodiaphragmatic Nodule TGLS = 6-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Renal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-12: Hyperplasia,Lymphoid,Mild,Renal]			
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401582

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Adenoma	
		Carcinoma	
		Hyperplasia	Marked
[Adenoma TGLS = 1-13: Adenoma]			
[Carcinoma TGLS = 1-13: Carcinoma]			
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 3-4: Fibrosis, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Mild]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401584

ORGAN AND ACCOUNTABLE SITE STATUS

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

OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
Harderian Gland		Carcinoma	
[Carcinoma TGLS = 1-12: Carcinoma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung		Carcinoma	Metastatic (Harderian Gland)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Carcinoma TGLS = 4-2+3: Metastatic Carcinoma, Harderian Gland]			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401585

ORGAN AND ACCOUNTABLE SITE STATUS

* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4: Hematopoietic Cell Proliferation, Moderate]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Harderian Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Carcinoma Harderian Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401586

ORGAN AND ACCOUNTABLE SITE STATUS

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

OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Epididymis		Atrophy	Moderate
		Inflammation	Chronic Active, Mild
Note: Inflammation involves the adipose tissue attached to the left epididymis which is also atrophic and devoid of sperm.			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney	Transit Epithe	Hyperplasia	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes		Mineralization	Moderate
		Necrosis	Marked
[Mineralization TGLS = 1-10: Mineralization, Moderate]			
[Necrosis TGLS = 1-10: Necrosis, Marked]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
* Nose		Fungus	
		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 249	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular	Hypertrophy	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Mesothelioma Malignant	
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-13: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Adenoma	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 6-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401590

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-14: Necrosis, Fat, Marked]			
* Nose		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-12: Squamous Cell Carcinoma]			
Oral Mucosa	Gingival	Squamous Cell Carcinoma	Metastatic (Nose)
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Preputial Gland		Inflammation	Chronic Active, Moderate
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 7-13: Epithelial Inclusion Cyst]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 5-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Squamous Cell Carcinoma	
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-12: Keratoacanthoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicular Cel	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 251	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401591

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-7: Adenoma, Follicular Cell]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Brain	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Blood Vessel	Aorta	Mineralization	Mild
* Bone		Fibrous Osteodystrophy	Moderate
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Moderate
		Mineralization	Moderate
* Kidney		Cyst	Mild
		Nephropathy	Chronic, Marked
	Renal Tubule	Oncocytoma Benign	
[Cyst TGLS = 3-12: Cyst, Mild]			
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Marked]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
	Interstitium	Mineralization	Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7: Hyperplasia, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 252	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 684
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401592

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
Note: Some Prostate Gland Also On Slide #10			
* Stomach, Glandular		Mineralization	Mild
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node			
Note: TGL#3-13:Enlarged Inguinal Lymph Node, Documented At Necropsy, Is Marked Mammary Gland Cyst Histologically.			
* Mammary Gland		Cyst	Marked
[Cyst TGLS = 3-13: Cyst, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401593

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Basal Cell Adenoma	
		Keratoacanthoma	
[Basal Cell Adenoma TGLS = 2-13: Basal Cell Adenoma]			
[Keratoacanthoma TGLS = 1-12: Keratoacanthoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 4-10: Adenoma, Interstitial Cell, Bilateral]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Mild]			
[Pigmentation TGLS = 4-5: Pigment,Renal Tubule,Mild]			
* Liver	Bile Duct	Hyperplasia	Minimal
	Centrilobular, Hepatocyte	Necrosis	Marked
[Necrosis TGLS = 5-1: Necrosis,Hepatocyte,Centrilobular,Marked]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Infiltration Cellular	Histiocyte, Moderate
	Mediastinal	Pigmentation	Hemosiderin, Moderate
[Infiltration Cellular TGLS = 7-2:Infiltrat Cell,Histiocyte,Moderate,Mediastinal]			
[Pigmentation TGLS = 7-2:Pigment,Hemosiderin,Moderate,Mediastinal]			
* Lymph Node, Mesenteric		Erythrophagocytosis	Mild
		Hyperplasia	Lymphoid, Moderate
[Erythrophagocytosis TGLS = 10-4: Erythrophagocytosis, Mild]			
[Hyperplasia TGLS = 10-4: Hyperplasia,Lymphoid,Moderate]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Mesothelioma Malignant	
	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401594

ORGAN AND ACCOUNTABLE SITE STATUS

[Necrosis TGLS = 9-12: Necrosis, Fat, Marked]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Note: Slide #09 - Foreign Bodies (Hairs) Associated With Inflammation In Nasal Cavity.			
* Pancreas		Mesothelioma Malignant	
* Parathyroid Gl			
Note: Only One Parathyroid Gland Available For Histopathologic Examination. TGL#6-7-NCL: Parathyroid Gld Considered To Be Within Normal Limits Histologically.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Testes	Bilateral, Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
		Mesothelioma Malignant	
[Adenoma TGLS = 2,3-10: Adenoma, Interstitial Cell, Bilateral]			
[Atrophy TGLS = 3-10: Atrophy, Germinal Epithelium, Marked]			
* Thyroid Gl			
Note: Only One Thyroid Gland Available For Histopathologic Examination.			

PRIMARY CAUSE OF DEATH	- Liver Centrilobular Hepatocyte Necrosis
CONTRIBUTORY CAUSE OF DEATH	- Kidney Nephropathy;Mesentery Mesothelioma Malignant;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 460
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Nose		Squamous Cell Carcinoma	
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Nose Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Bone	Cranium	Inflammation	Chronic Active, Marked
Note: Bone Lesion On Slide #08			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Small, Ileum		Carcinoma	
[Carcinoma TGLS = 3-14: Carcinoma]			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 2-13: Ectasia, Moderate]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Mild
* Skin	Epidermis	Hyperkeratosis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 256	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401596

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperkeratosis TGLS = 4-12: Hyperkeratosis, Epidermis, Marked]			
* Testes	Interstit Cell	Adenoma	
	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Leukemia Mononuclear TGLS = 6-5: Mononuclear Cell Leukemia]			
[Nephropathy TGLS = 6-5: Nephropathy, Chronic, Mild]			
* Liver	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 257	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401597

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pancreas	Acinus	Atrophy	Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 8-7: Hyperplasia, Mild]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 2-10: Hyperplasia, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4: Mononuclear Cell Leukemia]			
* Testes	Interstit Cell	Adenoma	
	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell]			
[Atrophy TGLS = 4-10: Atrophy, Germinal Epithelium, Marked]			
* Thymus		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 258	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Centrilobular	Hypertrophy	Minimal
	Artery	Inflammation	Chronic, Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea			

MISSING

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Epididymis			
Note: Only One Epididymis Available For Histopathologic Examination.			
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 259	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 677
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401599

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
Note: Only One Preputial Gland Available For Histopathologic Examination.			
* Prostate		Inflammation	Chronic Active, Moderate
* Spleen		Leukemia Mononuclear	
* Testes	Interstit Cell	Adenoma	
Note: Only One Testicle Available For Histopathologic Examination.			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 260	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401600

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
		Pheochromocytoma Malignant	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Marked
	Renal Tubule	Pigmentation	Minimal
* Liver	Hepatocyte	Degeneration	Cystic, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Inflammation	Suppurative, Moderate
	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 680
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401601

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 6-14: Necrosis, Fat, Marked]			
* Parathyroid Gland		Hyperplasia	Moderate
* Pituitary Gland		Leukemia Mononuclear	
* Preputial Gland		Leukemia Mononuclear	
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-13: Fibrosarcoma]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
		Pigmentation	Bile, Mild
[Hepatodiaphragmatic Nodule TGLS = 5-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: Slide #09 - Fungal Cluster & Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 262	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 725
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401602

ORGAN AND ACCOUNTABLE SITE STATUS

* Prostate		Inflammation	Chronic Active, Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
Note: TGL#1-10-NCL:Size Of Left Testicle Considered To Be Within Normal Limits Histologically.			
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Epididymis		Mesothelioma Malignant	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Moderate]			
* Liver	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Trichoepithelioma	
[Trichoepithelioma TGLS = 1-12: Trichoepithelioma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 263	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 661
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401603

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Germinal Epith	Atrophy	Mild
	Arteriole	Inflammation	Chronic, Mild
	Arteriole	Necrosis	Fibrinoid, Mild

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Marked
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 4-11: Malignant Mesothelioma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular, Hepatocyte	Degeneration	Moderate
	Bile Duct	Hyperplasia	Minimal
	Centrilobular, Hepatocyte	Necrosis	Mild
[Degeneration TGLS = 5-1: Degen,Hepatocyte,Centrilobular,Moderate]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
Mesentery		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 2-12: Malignant Mesothelioma]			
* Pancreas	Acinus	Atrophy	Mild
		Mesothelioma Malignant	
Penis			
Note: TGL#7-7-NCL: Parathyroid Gland Considered To Be Within Normal Limits Histopathologically.			
* Seminal Vesicle		Mesothelioma Malignant	
* Spleen		Mesothelioma Malignant	
* Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 264	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 502
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401604

ORGAN AND ACCOUNTABLE SITE STATUS

	Germinal Epith	Atrophy	Marked
	Interstit Cell	Hyperplasia	Minimal
		Mesothelioma Malignant	

[Atrophy TGLS = 3-10: Atrophy, Germinal Epithelium, Marked]

PRIMARY CAUSE OF DEATH - Mesentery Mesothelioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 4-13: Necrosis, Fat, Marked]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Marked
[Hyperplasia TGLS = 1-10: Hyperplasia, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 265	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401605

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-10: Inflammation, Chronic-Active, Marked]			
* Prostate		Inflammation	Chronic Active, Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 2-12: Keratoacanthoma]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 3-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Epididymis
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
		Hyperplasia	Lymphoid, Mild
[Ectasia TGLS = 2-4: Ectasia, Mild]			
[Hyperplasia TGLS = 2-4: Hyperplasia, Lymphoid, Mild]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 266	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401606

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 536
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Brain		Oligodendroglioma Malignant	
[Oligodendroglioma Malignant TGLS = 4-13: Malignant Oligodendroma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Fibrosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Marked
	Hepatocyte	Vacuolization Cytoplasmic	Mild
Note: TGL2-12: Probably Represents A Strangulated Liver Lobe Resulting In Infarction And Attempts At Organization Developing From Portal Regions.			
[Necrosis TGLS = 2-12: Necrosis,Hepatocyte,Marked]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Preputial Gland		Carcinoma	
[Carcinoma TGLS = 1-14: Carcinoma]			
* Spleen		Leukemia Mononuclear	
* Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Brain Oligodendroglioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 536
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401607

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Liver Hepatocyte Necrosis;Preputial Gland Carcinoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
OBSERVATIONS			
* Brain		Astrocytoma Malignant	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Hypertrophy	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Preputial Gland		Inflammation	Chronic Active, Minimal
* Prostate		Inflammation	Chronic Active, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-7: Malignant Pheochromocytoma]			
* Epididymis		Mesothelioma Malignant	
[Mesothelioma Malignant TGLS = 1-11: Malignant Mesothelioma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
		Cyst	Mild
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mesenteric		Ectasia	Moderate
[Ectasia TGLS = 7-4: Ectasia, Moderate]			
* Nose		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401609

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Preputial Gland		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Fibrosis	Moderate
[Fibrosis TGLS = 3-4: Fibrosis, Moderate]			
* Stom Forestom			
Note: TGL#6-5-NCL: Tan Focus, Documented At Necropsy, Not Apparent Histologically.			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-10: Adenoma, Interstitial Cell, Bilateral]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Adenoma	
	Renal Tubule	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 4-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401610

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Preputial Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Prostate		Inflammation	Chronic Active, Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 1-10: Adenoma, Interstitial Cell, Bilateral]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Intestine Small, Ileum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 3-5: Mononuclear Cell Leukemia]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 4-7: Hyperplasia, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 271	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401611

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 6-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gl			
Note: Only One Thyroid Gland Available For Histopathologic Examination.			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 272	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 696
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
* Bone Marrow		Hyperplasia	Marked
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7: Hyperplasia, Pars Distalis, Moderate]			
* Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
[Fibrosis TGLS = 3-4: Fibrosis, Mild]			
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Stomach, Glandular	Epithelium	Erosion	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Vagina		Hypertrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 696
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401613

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 1-11: Hypertrophy, moderate]

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS		
* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 275	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Nose		Inflammation	Chronic Active, Moderate
* Pancreas	Acinus	Atrophy	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 276	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS		
* Heart	Cardiomyopathy	Chronic, Minimal
* Kidney	Mineralization	Minimal
* Liver	Basophilic Focus	
	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Cyst	Marked
		Hyperplasia	Cystic, Moderate
[Cyst TGLS = 3-12: Cyst, Marked]			
[Hyperplasia TGLS = 1-11: Hyperplasia, Cystic, Moderate]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Oral Mucosa	Pharyngeal	Squamous Cell Papilloma	
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Basophilic Focus TGLS = 3-11: Basophilic Focus]			
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-12: Hyperplasia, Cystic, Marked]			
* Nose		Inflammation	Chronic Active, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 279	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401619

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
* Liver		Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-10: Hyperplasia, Marked]			
* Int Sm Jejunum			
Note: TGL#6,7-13+14: Enlarged Jejunal Lymphoid Tissue, Documented At Necropsy, Is Metastatic Uterine Leiomyosarcoma Involving Mesentery Histologically.			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lym Node Mesen			
Note: TGL5-13: Enlarged Mesenteric Lymph Node, Documented At Necropsy, Is Metastatic Uterine Leiomyosarcoma Involving Mesentery Histologically.			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 5,6,7-13+14: Schwannoma Mal, Metastatic, Uterus]			
* Pancreas	Acinus	Atrophy	Mild
* Parathyroid Gl			
Note: TGL#4-7: Enlarged Parathyroid Gland, Documented At Necropsy, Is Thyroid Gland C-Cell Adenoma Histologically.			
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 282	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401622

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 4-7: Carcinoma, C-Cell]			
* Uterus		Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 2-11: Schwannoma Mal]			
Vagina		Schwannoma Malignant	Metastatic (Uterus)
[Schwannoma Malignant TGLS = 3-12: Schwannoma Mal]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-12: Necrosis, Fat, Marked]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401624

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Mild
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 5-12: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 4-1,6-1+12: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 285	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401625

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2-14+15: Fibroadenoma, Multiple]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 7-11: Necrosis, Fat, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 10-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11: Mononuclear Cell Leukemia]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLS = 9-7: Carcinoma, Follicular Cell]			
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 8-13: Squamous Cell Papilloma]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 523
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-10: Hyperplasia, Mild]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Note: TGL2-11: Mammary Gld Mass, Documented At Necropsy, Is Subcutaneous Fibroma Histopathologically.			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 2-11: Fibroma, Subcutaneous Tissue]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
		Hyperplasia	Moderate
[Carcinoma TGLS = 1-11: Carcinoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Thrombosis	Mild
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 4-12: Fibroadenoma]			
[Hyperplasia TGLS = 4-12: Hyperplasia, Cystic, Mild]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401628

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
[Basophilic Focus TGLS = 4-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
* Ovary	Bilateral	Cyst	Marked
[Cyst TGLS = 3-10: Cyst, Marked, Bilateral]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-7: Hyperplasia, moderate, Pars Distalis]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401629

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 3-1: Basophilic Focus]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-10: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 645
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401631

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH	- Pituitary Gland	Pars Distalis	Adenoma	
CONTRIBUTORY CAUSE OF DEATH	- Clitoral Gland	Adenoma;Mammary Gland	Fibroadenoma;Spleen	Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 292	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 293	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 1-1+11: Basophilic Focus]			
[Mixed Cell Focus TGLS = 1-1+11: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
[Basophilic Focus TGLS = 4-1: Basophilic Focus]			
[Eosinophilic Focus TGLS = 4-1: Eosinophilic Focus]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Minimal]			
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401634

ORGAN AND ACCOUNTABLE SITE STATUS

[Polyp Stromal TGLS = 3-10: Stromal Polyp]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Parathyroid Gland
* Salivary Glands	* Stomach, Glandular	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Moderate
		Leukemia Mononuclear	
		Pigmentation	Moderate
* Adrenal Medulla		Leukemia Mononuclear	
* Bone		Osteopetrosis	Moderate
* Bone Marrow		Myelofibrosis	Mild
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland		Leukemia Mononuclear	
		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 295	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401635

ORGAN AND ACCOUNTABLE SITE STATUS

* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 296	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 2-12: Hyperplasia, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Skin	Epidermis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-13: Hyperplasia, Epidermis, mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401637

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Minimal
* Uterus	Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 1-11: Basophilic Focus]			
[Clear Cell Focus TGLS = 1-11: Clear Cell Focus]			
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
[Mixed Cell Focus TGLS = 1-11: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Heart	Cardiomyopathy	Chronic, Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Chronic, Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 461
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate

Note: Respiratory Epithelium Is Autolytic. Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone Marrow	* Brain
* Esophagus	Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
* Bone		Osteopetrosis	Moderate
* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-10: Hyperplasia, Mild]			
Eye			
Note: Only One Eye Available For Histopathologic Examination.TGL#1-11-NCL: The One Eye Examined Was Considered To Be Within Normal Limits Histologically.			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Lymph Node, Mandibular		Ectasia	Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-12: Fibroadenoma]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 301	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401641

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]		
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 573
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 4-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
		Necrosis	Minimal
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 391
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Necrosis	Mild
		Thrombosis	Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11: Necrosis, Fat, Marked]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: All Tissues Are Quite Autolytic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Blood Vessel	Aorta	Inflammation	Chronic Active, Moderate
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
Mesentery	Artery	Inflammation	Chronic Active, Moderate
Note: Mesenteric Arterial Lesions Consistent With A Diagnosis Of Periarteritis Nodosa.			
[Inflammation TGLS = 3-12:Inflammation,Chronic-Active,Artery,Moderate]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Mild]			
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Mild]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401644

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus		Polyp Stromal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,5-11+13: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Mild]			
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 2-12: Fibrosarcoma, Subcutaneous Tissue]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 569
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
	Centrilobular, Hepatocyte	Necrosis	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma
CONTRIBUTORY CAUSE OF DEATH	- Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 475
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-6: Mononuclear Cell Leukemia]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 9-11: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-13: Mononuclear Cell Leukemia,Lumbar,Bilateral]			
[Leukemia Mononuclear TGLS = 6-2: Mononuclear Cell Leukemia, Mediastinal]			
[Leukemia Mononuclear TGLS = 3-14: Mononuclear Cell Leukemia, Renal, Bilateral]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-6:Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-11: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 475
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401649

ORGAN AND ACCOUNTABLE SITE STATUS

* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Leukemia Mononuclear	
	Epithelium	Ulcer	Marked
[Ulcer TGLS = 10-12: Ulcer, Epithelium, Marked]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 310	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 507
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
Note: TGL#3-1-NCL: Nodule, Documented At Trim, Not Apparent Histopathologically.			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 585
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Int Sm Duoden			
Note: Duodenum On Slide #05.			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 585
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401651

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Cyst	Moderate
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
[Cyst TGLS = 3-11: Cyst, Moderate]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Chronic Active, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 312	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401652

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Mild]

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 313	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 1-12: Hyperplasia, Marked]			
Eye		Atrophy	Marked
[Atrophy TGLS = 2-11: Atrophy, Marked]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 3,4-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 5-7: Cyst, Pars Distalis, Mild]			
[Hyperplasia TGLS = 5-7: Hyperplasia, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 314	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10: Stromal Polyp]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Minimal
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-2: Mononuclear Cell Leukemia, Mediastinal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-11: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Intermed	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401656

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Salivary Glands		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Carcinoma	
		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 2-12: Carcinoma]			
[Fibroadenoma TGLS = 1,4-11+13: Fibroadenoma, Multiple]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

Eye		Atrophy	Marked
[Atrophy TGLS = 1-11: Atrophy, Marked]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Mild]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland	Inflammation	Chronic Active, Mild
* Kidney	Mineralization	Minimal
* Liver	Basophilic Focus	
	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 0 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney	Mineralization	Minimal
* Liver	Basophilic Focus	
	Inflammation	Chronic, Minimal
* Lung	Inflammation	Chronic Active, Minimal
* Nose	Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 323	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland	Bilateral	Carcinoma	
[Carcinoma TGLS = 2-11: Carcinoma, Bilateral]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Note: TGL#1-12: Mammary Gland Mass, Documented At Necropsy, Is Subcutaneous Fibroma Histologically.			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Moderate]			
[Hyperplasia TGLS = 3-7: Hyperplasia, Pars Distalis, Mild]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-12: Fibroma, Subcutaneous Tissue]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatodiaphragmatic Nodule	
Note: TGL#4-1-NCL: Nodule, Documented At Necropsy, Not Apparent Histologically.			
[Hepatodiaphragmatic Nodule TGLS = 5,6-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hemorrhage	Marked
[Hemorrhage TGLS = 3-7: Hemorrhage, Pars Distalis, marked]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Thymus

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 8-10: Cyst, Duct, Mild]			
* Intestine Large, Colon		Inflammation	Suppurative, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Mixed Cell Focus	
[Hepatodiaphragmatic Nodule TGLS = 5-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
[Mixed Cell Focus TGLS = 4-1: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401665

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 6-12: Fibroadenoma]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 2-11: Accessory Spleen]			
* Parathyroid Gland		Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 7-7: Hyperplasia, Pars Distalis, Mild]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gl			
Note: Only One Clitoral Gland Available For Histopathologic Examination.			
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401666

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Ulcer	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Mild]			
* Thyroid Gland	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 543
	DOSE: 0 PPM	**DISP:** Natural Death	**HISTO:** 9401668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adren Cortex			
Note: Only One Adrenal Gland Available For Histopathological Examination.			
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
[Basophilic Focus TGLS = 1-1+11: Basophilic Focus]			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thyroid Gland	Follicular Cel	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 0 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Marked
		Fibroadenoma	Multiple
[Cyst TGLS = 4-13: Cyst, Marked]			
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 663
	DOSE: 0 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 726
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 4-11: Mononuclear Cell Leukemia, Pancreatic]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 726
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401671

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 2-10: Stromal Polyp]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Marked
[Hyperplasia TGLS = 3-10: Hyperplasia, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 5-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Carcinoma	Multiple
		Cyst	Moderate
		Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 1,2-11+12: Carcinoma, Multiple]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Mammary Gland	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Islets, Pancreatic

AUTO PRECLUDES DIAG.

* Pancreas

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 2-10: Carcinoma]			
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 700
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401673

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: Nasal Epithelium Autolytic. Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11: Mononuclear Cell Leukemia]			
* Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Salivary Glands

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Cyst	Marked
		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Cyst TGLS = 1-11: Cyst, Marked]			
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-11: Hyperplasia, Cystic, Marked]			
* Ovary			
Note: Only One Ovary Available For Histopathologic Examination.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 336	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 284
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* 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	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone	Mandible	Cyst	Moderate
[Cyst TGLS = 1-11: Cyst, Mandible, Moderate]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
* Liver		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH - Bone Mandible Cyst

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Intermed	Adenoma	
	Pars Distalis	Cyst	Marked
[Adenoma TGLS = 1-7: Adenoma, Pars Intermedia]			
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Marked]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 522
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-11: Hyperplasia, Cystic, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 340	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
	Atrium	Thrombosis	Moderate
[Thrombosis TGLS = 4-4: Thrombosis, Atrium, Moderate]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
		Pigmentation	Bile, Mild
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 341	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401681

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Erosion	Marked

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Heart Atrium Thrombosis;Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Mild
		Leukemia Mononuclear	
* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Histiocytic, Mild
		Myelofibrosis	Mild
Eye	Retina	Atrophy	Marked
	Lens	Fibrosis	Moderate
	Lens	Synechia	Marked
[Fibrosis TGLS = 1-11: Fibrosis, Lens, Moderate]			
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Thrombosis	Marked
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401682

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 4-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Stomach, Glandular	Epithelium	Erosion	Moderate
[Erosion TGLS = 5-11: Erosion, Epithelium, Moderate]			
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 1-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 1-10: Fibroadenoma]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Intermed	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
		Hypertrophy	Moderate
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-11: Cyst, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401686

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Bone Marrow		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401687

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Minimal
[Hyperplasia TGLS = 2-10: Hyperplasia, Marked]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 3-7: Hyperplasia, Pars Distalis, Marked]			
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 347	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401687

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401688

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland	Bilateral	Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
[Basophilic Focus TGLS = 2-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 535
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-10: Cyst, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 351	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 3-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 2-10: Cyst, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10: Stromal Polyp]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-11: Stromal Polyp]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-12: Cataract, Lens, Marked]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 4-1: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401694

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 355	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Zymbal's Gland			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Skin	Subcut Tiss	Fibroma	
[Fibroma TGLS = 1-11: Fibroma]			
Zymbals Gl			

Note: TGL#1-11: Enlarged Right Zymbals Gland, Documented At Necropsy, Is Subcutaneous Malignant Schwannoma Histologically.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 356	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 3-10: Hyperplasia, Moderate]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 2-10: Hydrometra, Marked]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Clitoral Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
Mesentery		Accessory Spleen	
[Accessory Spleen TGLS = 4-13: Accessory Spleen]			
* Ovary		Cyst	Marked
[Cyst TGLS = 2-11: Cyst, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401697

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-10:Hyperplasia,Endometrium,Cystic,Marked]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney	Pelvis	Inflammation	Suppurative, Moderate
		Mineralization	Mild
	Papilla	Necrosis	Marked
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Mild]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Urinary Bladder		Calculus Micro Observation Only	
		Inflammation	Chronic Active, Moderate
[Calculus Micro Observation Only TGLS = 2-11: Calculus, Microscopic Observation]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 358	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401698

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-11: Inflammation, Chronic-Active, Moderate]

PRIMARY CAUSE OF DEATH	- Kidney Papilla Necrosis
CONTRIBUTORY CAUSE OF DEATH	- Kidney Pelvis Inflammation;Urinary Bladder Calculus Micro Observation Only;Urinary Bladder Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 337
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Necrosis	Moderate
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 2-11: Hepatodiaphrgmatic Nodule]			
[Necrosis TGLS = 1-11: Necrosis, Hepatocyte, Moderate]			
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Nose		Fungus	
		Inflammation	Chronic Active, Mild
Note: Nasal Epithelium Autolytic. Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Spleen		Pigmentation	Hemosiderin, Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-11: Adenoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Mild]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH - Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gl			
Note: TGL#2-10-NCL: Focus, Documented At Trim, Not Apparent Histologically.			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 1-1: Basophilic Focus]			
* Lung		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
		Pheochromocytoma Benign	
* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-10: Hyperplasia, Mild]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Mild]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Hydrometra	Marked
		Polyp Stromal	
[Hydrometra TGLS = 3-11: Hydrometra, Marked]			
[Polyp Stromal TGLS = 2-12: Stromal Polyp]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401703

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
	Lens	Synechia	Marked
[Cataract TGLS = 1-11: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Metaplasia	Osseous, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-12: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401704

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Mild
		Hyperplasia	Mild
* Clitoral Gl			
Note: TGL#3-10-NCL: Focus, Documented At Trim, Not Apparent Histologically.			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 1-1: Basophilic Focus]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Atrophy	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 2-5: Mononuclear Cell Leukemia]			
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-12: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-11: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401706

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7: Mononuclear Cell Leukemia]			
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
		Polyp Stromal	
[Leukemia Mononuclear TGLS = 3-10: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 535
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
		Leukemia Mononuclear	
[Hyperplasia TGLS = 1-10: Hyperplasia, Moderate]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 367	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 535
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401707

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-7: Cyst, Pars Distalis, Moderate]	
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]	
* Urinary Bladder	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Accessory Adrenal Cortical Nodule	Minimal
		Degeneration	Fatty, Mild
* Clitoral Gl			
Note: Only One Clitoral Gland Available For Histopathologic Examination.			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
[Basophilic Focus TGLS = 3-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Marked
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
[Cyst TGLS = 4-7: Cyst, Pars Distalis, Marked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401708

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
* Brain		Gliosis	Mild
* Clitoral Gland		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate

[Cyst TGLS = 1-7: Cyst, Pars Intermedia, Moderate]
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Moderate]
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Moderate]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Pigmentation	Bile, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1-11: Fibroadenoma, multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Skin			
Note: TGL#1-11: Skin Mass, Documented At Necropsy, Is Mammary Gland Fibroadenoma Histopathologically.			
* Spleen		Leukemia Mononuclear	

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401710

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 371	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Moderate]			
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Mild]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 1-11: Clear Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 373	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-7: Malignant Pheochromocytoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 374	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Moderate]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 375	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Cyst	Moderate
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Cyst TGLS = 2-11: Cyst, Bile Duct, Moderate]			
[Mixed Cell Focus TGLS = 1-11: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Clitoral Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 2-10: Cyst, Mild]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 392
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401717

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-7: Mononuclear Cell Leukemia]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-6: Hemorrhage, Moderate]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Marked
		Leukemia Mononuclear	
[Cyst TGLS = 6-7: Cyst, Pars Distalis, Marked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 392
	DOSE: 200 PPM	**DISP:** Natural Death	**HISTO:** 9401717

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]		
* Thymus	Cyst	Mild
	Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401718

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-11: Hyperplasia, Cystic, Marked]			
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, marked]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Leukemia Mononuclear	
* Thyroid Gland	Follicular Cel	Adenoma	
	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 1-11: Carcinoma]			
[Fibroadenoma TGLS = 3-12: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 200 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401719

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 430
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland	* Thymus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11: Mononuclear Cell Leukemia, Lumbar]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Carcinoma	
[Carcinoma TGLS = 2-11: Carcinoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 430
	DOSE: 200 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401720

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland		Hemorrhage	Mild
		Leukemia Mononuclear	
[Hemorrhage TGLS = 5-7: Hemorrhage, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 451
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Marked
		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
		Leukemia Mononuclear	
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Marked]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 451
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401721

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
	Epithelium	Ulcer	Marked
[Ulcer TGLS = 4-11:Ulcer, Epithelium, Marked]			
* Thymus		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Epithelium Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland	Bilateral	Hyperplasia	Marked
[Hyperplasia TGLS = 2-10: Hyperplasia, Bilateral, Marked]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Fibrosis	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Skin	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Marked
	Epidermis	Ulcer	Marked
[Inflammation TGLS = 1-11: Inflammation, Chronic-Active, Marked]			
[Ulcer TGLS = 1-11: Ulcer, Epidermis, Marked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401722

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
		Pheochromocytoma Benign	
* Bone	Vertebra	Fibrosarcoma	
[Fibrosarcoma TGLS = 3-12+13:Fibrosarcoma, Vertebra]			
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
[Cataract TGLS = 1-11: Cataract, Lens, Moderate]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
Note: TGL#3-12+13:Left Lumbar Lymph Node Mass, Documented At Necropsy, Is Fibrosarcoma Arising From Lumbar Vertebra.			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401723

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Bone Vertebra Fibrosarcoma
CONTRIBUTORY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11: Hyperplasia, Moderate]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Moderate]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11: Carcinoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4: Hematopoietic Cell Proliferation, Moderate]			

PRIMARY CAUSE OF DEATH - Clitoral Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 386	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
Note: Only One Clitoral Gland Available For Histopathologic Examination.			
Note: TGL#2-10-NCL: Enlarged Left Clitoral Gland, Documented At Necropsy, Was Very Loose & Friable & Fell Apart At Trim.			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Marked
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
		Necrosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401727

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Moderate
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-11: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401728

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Moderate]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Moderate
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Degeneration	Mild
	Centrilobular, Hepatocyte	Necrosis	Mild
[Degeneration TGLS = 2-1:Degeneration,Hepatocyte,Centrilobular,Mild]			
[Necrosis TGLS = 2-1:Necrosis,Hepatocyte,Centrilobular,Mild]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Note: TGL#4-11: Mammary Gland Mass, Documented At Necrospy, Is Cutaneous Fibrosarcoma Histologically.			
* Ovary		Cyst	Marked
[Cyst TGLS = 1-10: Cyst, Marked]			
* Parathyroid Gl			
Note: TGL#3-7-NCL: Parathyroid Glands Considered To Be Normal Size Histologically.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 4-11: Fibrosarcoma, Subcutaneous Tissue]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Erosion	Mild
[Erosion TGLS = 5-5+11: Erosion, Epithelium, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 390	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401730

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Liver Centrilobular Hepatocyte Necrosis
CONTRIBUTORY CAUSE OF DEATH	- Liver Centrilobular Hepatocyte Degeneration;Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gl			
Note: One Normal Clitoral Gland On Slide #11 And This Is The Only One Available For Histopathologic Examination.			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-10: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Marked
		Cyst	Marked
[Cyst TGLS = 3-11: Cyst, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-7: Mononuclear Cell Leukemia]			
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 4-5: Mononuclear Cell Leukemia]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-11: Mononuclear Cell Leukemia, Pancreatic]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-12: Mononuclear Cell leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401732

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5,8-10+11: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 393	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 1-7: Carcinoma, C-Cell]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Adenoma	
		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401736

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 1-11: Stromal Sarcoma]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2,3-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11: Necrosis, Fat, Marked]			
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 4-7: Cyst, Pars Distalis, Moderate]			
[Hyperplasia TGLS = 4-7: Hyperplasia, Pars Distalis, Mild]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Leukemia Mononuclear	
* Heart		Carcinoma	Metastatic (Intestine Small, Jejunum)
[Carcinoma TGLS = 9-15: Carcinoma,Metastatic, Sm Int, Jejunum]			
* Intestine Small, Jejunum		Carcinoma	
[Carcinoma TGLS = 10-16: Carcinoma]			
* Kidney	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung		Carcinoma	Metastatic (Intestine Small, Jejunum)
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Carcinoma	Metastatic (Intestine Small, Jejunum)
	Pancreatic	Carcinoma	Metastatic (Intestine Small, Jejunum)
	Pancreatic	Leukemia Mononuclear	
[Carcinoma TGLS = 3-2:Carcinoma,Metastatic,SmInt,Jejunum,Mediastinal]			
[Carcinoma TGLS = 5-14: Carcinoma,Metastat,Sm Int,Jejunum,Pancreatic]			
[Leukemia Mononuclear TGLS = 5-14: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 398	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401738

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery		Carcinoma	Metastatic (Intestine Small, Jejunum)
[Carcinoma TGLS = 4-13: Carcinoma, Metastatic, Sm Int, Jejunum]			
* Pancreas		Carcinoma	Metastatic (Intestine Small, Jejunum)
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 8-7: Hyperplasia, Pars Distalis, Mild]			
Skeletal Muscle		Carcinoma	Metastatic (Intestine Small, Jejunum)
[Carcinoma TGLS = 2-12: Carcinoma, Metastatic, Sm Int, Jejunum]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 11-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Stomach, Glandular		Carcinoma	Metastatic (Intestine Small, Jejunum)
* Uterus		Hemorrhage	Marked
[Hemorrhage TGLS = 7-10: Hemorrhage, Marked]			
Vagina		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 6-14: Inflammation, Suppurative, Moderate]			

PRIMARY CAUSE OF DEATH	- Intestine Small, Jejunum	Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Spleen	Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 5-10: Hyperplasia, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Ectasia	Moderate
		Leukemia Mononuclear	
[Ectasia TGLS = 3-12: Ectasia, Moderate]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 399	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401739

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Cyst TGLS = 4-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 399
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
	Centrilobular, Hepatocyte	Necrosis	Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hemorrhage	Marked
	Mediastinal	Pigmentation	Hemosiderin, Mild
[Hemorrhage TGLS = 1-2: Hemorrhage, Marked, Mediastinal]			
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH - Liver Centrilobular Hepatocyte Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Uterus			

MISSING

* Clitoral Gland	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Inguinal	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
	Septum, Turbinate, Vein	Thrombosis	Marked
* Ovary			
Note: Only One Ovary Available For Histopathologic Examination.			
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 402	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: 400 PPM	**DISP:** Natural Death	**HISTO:** 9401742

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]	
* Thymus	Leukemia Mononuclear
* Uterus	
Note: Only One Uterine Horn Available For Histopathologic Examination.	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 403	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
		Pigmentation	Bile, Mild
[Inflammation TGLS = 1-1: Inflammation, Chronic, Moderate]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Skin		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 2-11: Squamous Cell Papilloma]			
* Thymus		Cyst	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Marked
		Inflammation	Chronic Active, Moderate
[Hyperplasia TGLS = 1-10: Hyperplasia, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 3-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Carcinoma	
		Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 1-11: Carcinoma]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster & Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401745

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Minimal
[Basophilic Focus TGLS = 2-1: Basophilic Focus]			
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-11: Necrosis, Fat, Marked]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401746

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Mild]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 417
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Moderate
[Cataract TGLS = 1-11: Cataract, Lens, Moderate]			
* Intestine Large, Colon		Parasite Metazoan	
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-11: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12: Fibroadenoma]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone		Osteopetrosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 647
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Ovary		Cyst	Mild
[Cyst TGLS = 2-10: Cyst, Mild]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
		Hyperplasia	Marked
[Adenoma TGLS = 1-10: Adenoma]			
[Hyperplasia TGLS = 1-10: Hyperplasia, Marked]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401750

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 563
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 411	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 563
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401751

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 412	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Moderate]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 413	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401753

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 414	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin	Epidermis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-11:Hyperplasia,Epidermis,Moderate]			
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 3-7: Carcinoma, C-Cell]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
	Epithelium	Ulcer	Marked
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 415	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401755

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 416	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Ectasia	Mild
[Ectasia TGLS = 3-12: Ectasia, Mild]			
* Mammary Gland		Fibroadenoma	
Note: Mammary Gland Fibroadenoma Also Present On Slide #07.			
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Mild]			
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Mild]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone		Osteopetrosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Marked
		Thecoma Malignant	
[Cyst TGLS = 1-11: Cyst, Marked]			
[Thecoma Malignant TGLS = 1-11: Malignant Thecoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401758

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Bone		Osteopetrosis	Moderate
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Moderate
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 1-1: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Granulosa Cell Tumor Benign	
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 2-11: Clear Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Moderate]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6: Mononuclear Cell Leukemia]			
* Mammary Gland		Carcinoma	
		Hyperplasia	Cystic, Mild
[Carcinoma TGLS = 1-11: Carcinoma]			
* Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 423	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401763

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-11: Cyst, Moderate]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
* Thymus		Cyst	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401764

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 544
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Brain		Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 3-6: Malignant Astrocytoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH	- Brain Astrocytoma Malignant
CONTRIBUTORY CAUSE OF DEATH	- Liver Leukemia Mononuclear;Pituitary Gland Pars Distalis Adenoma;Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 426	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Mild
* Bone Marrow		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11: Carcinoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 2-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 535
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Mild
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7: Hyperplasia, Pars Distalis, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 428	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 535
	DOSE: 400 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401768

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus		Leukemia Mononuclear	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 400 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
	Pars Intermed	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 431	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 722
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland	Duct	Cyst	Mild
[Cyst TGLS = 1-10: Cyst, Duct, Mild]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
		Inflammation	Chronic, Moderate
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Fibrosis	Mild
		Hypertrophy	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Moderate
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 432	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401772

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Stomach, Forestomach		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
Tissue NOS	Abdominal	Paraganglioma	
[Paraganglioma TGLS = 3-11: Paraganglioma, Abdominal]			
* Urinary Bladder		Leukemia Mononuclear	
* Uterus			

Note: TGL#3-11: Uterine Cervical Mass, Documented At Necropsy, Is Paraganglioma, Tissue NOS, Abdominal Cavity, Histologically.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Kidney		Accumulation, Hyaline Droplet	Mild
		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401773

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 444
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Brain		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-11: Hemorrhage, Moderate]			
* Kidney	Renal Tubule	Pigmentation	Minimal
* Liver		Hematopoietic Cell Proliferation	Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-10: Cyst, Mild]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Accessory Spleen	
		Hematopoietic Cell Proliferation	Minimal
[Accessory Spleen TGLS = 4-4: Accessory Spleen]			
[Hematopoietic Cell Proliferation TGLS = 2-4: Hematopoietic Cell Proliferation]			

PRIMARY CAUSE OF DEATH - Spleen Hematopoietic Cell Proliferation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 435	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Respirat Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Uterus		Hydrometra	Moderate
[Hydrometra TGLS = 1-10: Hydrometra, Moderate]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Moderate
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 2-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Intermed	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 437	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Adenoma	
		Degeneration	Fatty, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 1-11: Necrosis, Fat, Marked]			
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-11: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401780

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone		Osteopetrosis	Moderate
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-12: Fibroadenoma]			
* Ovary		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 440	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401780

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
		Necrosis	Marked

[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]
[Necrosis TGLS = 2-11: Necrosis, Marked]

PRIMARY CAUSE OF DEATH - Spleen Necrosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401781

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
[Pigmentation TGLS = 3-5: Pigment, Renal Tubule, Mild]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Kupffer Cell	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus			

Note: TGL#4-11-NCL: Uterine Cervix Considered To Be Normal Size Histologically.

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 442	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 459
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Moderate
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 2-6: Hemorrhage, Moderate]			
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 443	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 646
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gl			
Note: TGL#1-11:Mammary Gld Mass, Documented At Necropsy, Is Subcutaneous Malignant Schwannoma Histopathologically.			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11: Fibrosarcoma, Subcutaneous Tissue]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 588
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Hydronephrosis	Marked
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
[Hydronephrosis TGLS = 4-11: Hydronephrosis, Marked]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
[Cyst TGLS = 1-7: Cyst, Pars Distalis]			
Ureter		Carcinoma	
[Carcinoma TGLS = 5-12: Carcinoma]			

PRIMARY CAUSE OF DEATH	- Kidney	Hydronephrosis
CONTRIBUTORY CAUSE OF DEATH	- Ureter	Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 1-1: Basophilic Focus]			
[Clear Cell Focus TGLS = 1-1: Clear Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
		Thrombosis	Marked
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland	Bilateral	Adenoma	
[Adenoma TGLS = 1,2-11+12: Adenoma, Bilateral]			
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4: Hematopoietic Cell Proliferation]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH - Clitoral Gland Bilateral Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 632
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Hyperplasia	Minimal
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 632
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401789

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-7: Cyst, Pars Distalis, Mild]	
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]	
* Thymus	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-11: Mononuclear Cell Leukemia]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-6: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: Slide #09 - Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401791

ORGAN AND ACCOUNTABLE SITE STATUS

	Leukemia Mononuclear
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]	
* Thymus	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 452	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 417
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-11: Adenoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Bone Marrow		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Granulosa Cell Tumor Benign	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Moderate]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
	Lens	Cataract	Marked
[Cataract TGLS = 1-11: Cataract, Lens, Marked]			
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 454	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 586
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401794

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Foreign Body (Hair) Associated With Inflammation In Nasal Cavity.			
* Ovary		Cyst	Marked
		Leukemia Mononuclear	
[Cyst TGLS = 4-10: Cyst, Marked]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-7: Hyperplasia, Pars Distalis, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 455	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Histiocytic, Mild
		Hyperplasia	Marked
Note: Hyperplastic Histiocytic Cells Appear To Be Phagocytozing Red Blood Cells In Marrow Cavity.			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 3-7: Hyperplasia, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 456	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Degeneration	Fatty, Minimal
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Mild
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Mild]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
[Leukemia Mononuclear TGLS = 4-2: Mononuclear Cell Leukemia, Mediastinal]			
[Leukemia Mononuclear TGLS = 3-11: Mononuclear Cell Leukemia, Renal]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401797

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-7: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Mild
* Parathyroid Gl			
Note: Parathyroid Gland Tissue Also On Slide #02			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Rectum
* Islets, Pancreatic	* Parathyroid Gland	* Skin	* Trachea

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Hyperplasia	Minimal
		Leukemia Mononuclear	
* Blood Vessel		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Intestine Small, Jejunum		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Deep Cervical	Leukemia Mononuclear	
	Inguinal	Leukemia Mononuclear	
	Lumbar	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	

[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia, Inguinal]
[Leukemia Mononuclear TGLS = 5-12: Mononuclear Cell Leukemia, Lumbar]
[Leukemia Mononuclear TGLS = 7-14: Mononuclear Cell Leukemia, Mediastinal]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401799

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 6-13: Mononuclear Cell Leukemia, Deep Cervical]			
* Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11: Mononuclear Cell Leukemia]			
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 8-15: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Mild
		Leukemia Mononuclear	
Note: TGL#1-11: Inguinal Mammary Gld Mass, Documented At Necropsy, Is Enlarged Inguinal Lymph Node Histopathologically.			
Mesentery		Leukemia Mononuclear	
* Nose		Leukemia Mononuclear	
* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 9-7: Cyst, Pars Distalis, Mild]			
* Salivary Glands		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-13: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
		Leukemia Mononuclear	
	Epithelium	Ulcer	Marked
[Ulcer TGLS = 10-5: Ulcer, Epithelium, Marked]			
* Stomach, Glandular		Leukemia Mononuclear	
* Thymus		Leukemia Mononuclear	
* Thyroid Gland		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-10: Mononuclear Cell Leukemia]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401799

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear
CONTRIBUTORY CAUSE OF DEATH	- Stomach;Forestomach Epithelium Ulcer

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7: Mononuclear Cell Leukemia]			
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-7: Mononuclear Cell Leukemia]			
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 5-10: Inflammation, Chronic-Active, Mild]			
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 1-10: Cyst, Marked]			
* Pituitary Gland		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 572
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401800

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Stomach, Glandular	Epithelium	Erosion	Mild
		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 642
	DOSE: 600 PPM	**DISP:** Natural Death	**HISTO:** 9401802

ORGAN AND ACCOUNTABLE SITE STATUS

		Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-11: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Stomach, Glandular	Epithelium	Erosion	Minimal
		Leukemia Mononuclear	
* Thymus		Ectopic Parathyroid Gland	Mild
* Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Marked
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Marked]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
* Bone		Osteopetrosis	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-7: Cyst, Pars Distalis, Moderate]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic, Minimal
[Eosinophilic Focus TGLS = 2-1: Eosinophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Cyst	Minimal
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Minimal]			
* Thymus		Ectopic Parathyroid Gland	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 5-13: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-11: Keratoacanthoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401806

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-12: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Leiomyosarcoma	Metastatic (Uterus)
[Leiomyosarcoma TGLS = 3-11: Leiomyosarcoma, metastatic]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-7: Hyperplasia, Pars Distalis, Moderate]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4:Hematopoietic Cell Proliferation,Moderate]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
* Uterus		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 3-11: Leiomyosarcoma]			

PRIMARY CAUSE OF DEATH - Ovary Leiomyosarcoma Uterus

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Adenoma	
		Hyperplasia	Cystic, Mild
[Adenoma TGLS = 1-11: Adenoma]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401808

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 4-7: Hyperplasia, Pars Distalis, moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Thymus		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hypertrophy	Minimal
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Minimal
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Mild]			
* Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401809

ORGAN AND ACCOUNTABLE SITE STATUS

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 613
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mesenteric	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Thymus

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 4-10: Hyperplasia, Moderate]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12: Malignant Lymphoma]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-11: Malignant Lymphoma]			
Skeletal Muscle		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-8+9: Malignant Lymphoma]			

PRIMARY CAUSE OF DEATH - Skeletal Muscle Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 613
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401810

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH	- Lung	Lymphoma Malignant;Salivary Glands Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2,3-11+12+13: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 5-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Uterus

MISSING

* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Mild
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Adrenal Medulla		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
		Hyperplasia	Moderate
[Adenoma TGLS = 1-10: Adenoma]			
[Hyperplasia TGLS = 1-10: Hyperplasia, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Centrilobular, Hepatocyte	Degeneration	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis, multiple]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401813

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4: Hematopoietic Cell Proliferation]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	
* Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-10: Stromal Sarcoma]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland	* Thymus

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Ovary		Cyst	Marked
[Cyst TGLS = 1-10: Cyst, Marked]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 4-7: Hyperplasia, Pars Distalis, Mild]			
* Uterus		Hydrometra	Marked
[Hydrometra TGLS = 3-10: Hydrometra, Marked]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401814

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
		Hypertrophy	Minimal
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 1-10: Cyst, Mild]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-10: Stromal Polyp]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 1-10: Hyperplasia, Mild]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 2-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 600 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Brain			
Note: A Portion Of The Pituitary Gld Adenoma Is Present At The Base Of The Brain.			
* Clitoral Gl			
Note: Only One Clitoral Gland Available For Histopathologic Examination.			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Stom Forestom			
Note: TGL#1-4: Splenic Deformity, Documented At Necropsy, Is Not Apparent Histologically.			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Hepatocyte	Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401819

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-10: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 8	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 600 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 481	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Moderate
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Uterus		Polyp Stromal	
Note: Polyp Appears To Be Infarcted Histologically.			
[Polyp Stromal TGLS = 2-10: Stromal Polyp]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 482	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401822

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 2,3,4-11+12+13: Fibroadenoma, Multiple]			
* Nose		Fungus	
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 482	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401822

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 483	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 484	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 485	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 365
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-11: Adenoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 486	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-10: Cyst, Moderate]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 487	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401827

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 2-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Mild
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 488	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 516
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401828

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLS = 1-11: Fibrosarcoma]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4: Hematopoietic Cell Proliferation, Moderate]			

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 489	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
* Lung		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 490	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal

[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 491	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Bone Marrow		Hyperplasia	Marked
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Parathyroid Gl			
Note: Parathyroid Gld Also On Slide #02I			
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 492	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 493	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 494	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Moderate
* Clitoral Gland		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-10: Inflammation, Chronic-Active, Mild]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Uterus

OBSERVATIONS

* Adrenal Cortex		Necrosis	Marked
* Adrenal Medulla		Necrosis	Marked
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 2-11: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Inflammation	Suppurative, Moderate
	Papilla	Necrosis	Marked
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
[Inflammation TGLS = 5,6-5: Inflammation, Suppurative, Moderate]			
* Liver	Centrilobular, Hepatocyte	Degeneration	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Degeneration TGLS = 4-1: Degeneration, Hepatocyte, Mild]			
[Mixed Cell Focus TGLS = 3-12: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Marked

Note: Mammary Gland Tissue Also On Slide #11.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 714
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401835

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 8-7: Cyst, Pars Distalis, Moderate]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thyroid Gland	C Cell	Adenoma	
* Urinary Bladder		Calculus Gross Observation	
	Transit Epithe	Hyperplasia	Moderate
[Calculus Gross Observation TGLS = 7-5: Calculus, Gross Observation]			

PRIMARY CAUSE OF DEATH	- Urinary Bladder Calculus Gross Observation
CONTRIBUTORY CAUSE OF DEATH	- Adrenal Cortex Necrosis;Adrenal Medulla Necrosis;Clitoral Gland Adenoma;Kidney Inflammation;Kidney Papilla Necrosis;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 496	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Intestine Large, Colon		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 1-11: Hyperplasia, Cystic, Marked]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 497	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Ovary	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Necrosis	Minimal
		Sarcoma Stromal	Metastatic (Uterus)
	Hepatocyte	Vacuolization Cytoplasmic	Moderate
[Hepatodiaphragmatic Nodule TGLS = 5-1: Hepatodiaphragmatic Nodule]			
[Vacuolization Cytoplasmic TGLS = 4-1:Vacuolization Cytoplasm,Hepatocyte,Moderate]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Lymph Node, Mesenteric		Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 7-11:Metastatic Stromal Sarcoma, Uterus]			
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Moderate
[Fibroadenoma TGLS = 1-12: Fibroadenoma]			
Mesentery	Fat	Sarcoma Stromal	Metastatic (Uterus)
[Sarcoma Stromal TGLS = 3-11:Metastatic Stromal Sarcoma, Fat, Uterus]			
* Nose		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 497	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 684
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401837

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas		Sarcoma Stromal	Metastatic (Uterus)
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-7: Adenoma, Pars Distalis]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-13: Stromal Sarcoma]			

PRIMARY CAUSE OF DEATH - Uterus Sarcoma Stromal

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy;Liver Sarcoma Stromal Uterus;Lymph Node;Mesenteric Sarcoma Stromal Uterus;Mammary Gland Fibroadenoma;Mesentery Fat Sarcoma Stromal Uterus;Pancreas Sarcoma Stromal Uterus;Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 498	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
[Basophilic Focus TGLS = 2-1: Basophilic Focus]			
[Clear Cell Focus TGLS = 2-1: Clear Cell Focus]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 499	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-11: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
[Pigmentation TGLS = 4-5:Pigment,Renal Tubule, Minimal]			
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Marked
[Cyst TGLS = 3-10: Cyst, Marked]			
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Marked
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 5-7: Cyst, Pars Distalis, Marked]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-4: Hematopoietic Cell Proliferation, Moderate]			
* Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 499	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 690
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401839

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus	Endometrium	Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	- Clitoral Gland Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 500	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Clitoral Gland	* Esophagus
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	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Bone	* Bone Marrow

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Brain	Cranial Nerve	Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
[Squamous Cell Carcinoma TGLS = 2-12:Metastatic Sq Cel Ca,Cran Nerv,Oral Mucosa]			
Eye		Atrophy	Marked
[Atrophy TGLS = 1-11: Atrophy, Marked]			
Harderian Gl			
Note: TGL#4-11-NCL: Harderian Gland Considered To Be Within Normal Limits Histologically.			
* Intestine Small, Jejunum		Inflammation	Chronic Active, Moderate
		Ulcer	Marked
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Mild
* Liver	Kupffer Cell	Hypertrophy	Mild
[Hypertrophy TGLS = 5-1: Hypertrophy, Kupffer Cell, Mild]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 3-7: Hyperplasia, Cystic, Marked]			
* Nose		Squamous Cell Carcinoma	Metastatic (Oral Mucosa)
Oral Mucosa	Pharyngeal	Squamous Cell Carcinoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 500	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 701
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401840

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH	- Oral Mucosa Pharyngeal Squamous Cell Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Brain Cranial Nerve Squamous Cell Carcinoma Oral Mucosa;Nose Squamous Cell Carcinoma Oral Mucosa

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Moderate
[Pigmentation TGLS = 4-5: Pigment, Renal Tubule, Moderate]			
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 6-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 5-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 2-11: Hyperplasia, Cystic, Marked]			
* Ovary			
Note: TGL#3-10-NCL: Cyst, Documented At Necropsy, Not Apparent Histologically.			
* Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401841

ORGAN AND ACCOUNTABLE SITE STATUS

* Parathyroid Gl			
Note: TGL#8-7-NCL: Parathyroid Gland Considered To Be Within Normal Limits Histologically.			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

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

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone Marrow	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Ovary	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone		Osteopetrosis	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
[Leukemia Mononuclear TGLS = 4-5: Mononuclear Cell Leukemia]			
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 2-11: Hepatodiaphragmatic Nodule]			
* Lung		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Parathyroid Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-7: Hyperplasia, Mild]			
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401842

ORGAN AND ACCOUNTABLE SITE STATUS

	Leukemia Mononuclear
* Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-4: Mononuclear Cell Leukemia]	
* Uterus	Polyp Stromal

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Rectum	* Intestine Small, Jejunum	* Parathyroid Gland	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Marked
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Brain		Leukemia Mononuclear	
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
		Leukemia Mononuclear	
* Intestine Large, Colon		Leukemia Mononuclear	
* Intestine Small, Duodenum		Leukemia Mononuclear	
* Intestine Small, Ileum		Leukemia Mononuclear	
* Islets, Pancreatic		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 4-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 6-1: Mononuclear Cell leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
Mesentery		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401843

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Leukemia Mononuclear	
* Pancreas		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4: Mononuclear Cell Leukemia]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	
[Hyperplasia TGLS = 5-7: Hyperplasia, Pars Distalis, Moderate]			
* Salivary Glands		Leukemia Mononuclear	
Skeletal Muscle		Leukemia Mononuclear	
* Skin	Subcut Tiss	Leukemia Mononuclear	
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4: Mononuclear Cell Leukemia]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Leukemia Mononuclear	
* Stomach, Glandular		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
* Uterus		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-10: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 647
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 647
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401844

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-7: Hyperplasia, Pars Distalis, Moderate]
* Spleen Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Mild
[Hyperplasia TGLS = 3-10: Hyperplasia, Mild]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 2-1: Basophilic Focus]			
[Clear Cell Focus TGLS = 2-1: Clear Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Nervosa	Ectopic Tissue	Mild
Note: Proliferative Lesion Arising From Persistent Remnants Of Rathke's Pouch.			
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 1-1: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Adenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Mild]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 668
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Leukemia Mononuclear	
* Clitoral Gland		Inflammation	Chronic Active, Mild
* Heart		Cardiomyopathy	Chronic, Minimal
		Leukemia Mononuclear	
	Atrium	Thrombosis	Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4: Mononuclear Cell Leukemia]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 668
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401847

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
* Thymus		Leukemia Mononuclear
* Thyroid Gland	Bilateral, C Cell	Adenoma
[Adenoma TGLS = 3-7: Bilateral, C-Cell Adenoma]		

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7: Mononuclear Cell Leukemia]			
* Adrenal Medulla		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-7: Mononuclear Cell Leukemia]			
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-2+3: Mononuclear Cell Leukemia]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Moderate
* Nose		Fungus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 652
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401848

ORGAN AND ACCOUNTABLE SITE STATUS

	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
Note: Slide #09 - Fungal Cluster Associated With Inflammation In Nasal Cavity.			
* Ovary		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Adenoma	
		Leukemia Mononuclear	
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Moderate]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
Eye	Antr Chamber, Cornea	Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-11:Inflam,Chr-Act,Cornea,Antr Chamber, Marked]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
		Mixed Cell Focus	
[Mixed Cell Focus TGLS = 2-11: Mixed Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Oral Mucosa	Pharyngeal	Hyperplasia	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 11
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Mild
* Pancreas		Cyst	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 571
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 1-10: Cyst, Mild]			
* Pituitary Gland	Pars Distalis	Cyst	Moderate
[Cyst TGLS = 3-7: Cyst, Pars Distalis, Moderate]			
* Spleen		Leukemia Mononuclear	
* Stomach, Glandular	Epithelium	Ulcer	Marked

PRIMARY CAUSE OF DEATH - Liver Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Clitoral Gland		Hyperplasia	Moderate
[Hyperplasia TGLS = 3-10: Hyperplasia, Moderate]			
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Minimal
[Nephropathy TGLS = 2-5: Nephropathy, Chronic, Moderate]			
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Moderate
[Cyst TGLS = 1-11: Cyst, Moderate]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2,3-1+12: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal
* Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4-13: Stromal Polyp]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
		Hypertrophy	Moderate
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Moderate
	Pars Distalis	Hyperplasia	Mild
* Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-11: Epithelial Inclusion Cyst]			
* Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
[Basophilic Focus TGLS = 4-12: Basophilic Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 724
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Uterus		

MISSING

* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Chronic, Moderate
	Renal Tubule	Pigmentation	Mild
* Liver		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Nose		Inflammation	Chronic Active, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
Tongue		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-11: Squamous Cell Papilloma]			

PRIMARY CAUSE OF DEATH	- Kidney Nephropathy
CONTRIBUTORY CAUSE OF DEATH	- Tongue Squamous Cell Papilloma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hypertrophy	Mild
* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-1: Mononuclear Cell Leukemia]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 2-7: Adenoma, Pars Distalis]			
* Spleen		Leukemia Mononuclear	
* Thyroid Gland	C Cell	Adenoma	
* Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401861

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Mild
[Clear Cell Focus TGLS = 3-1: Clear Cell Focus]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
* Ovary		Cyst	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Intermed	Cyst	Moderate
	Pars Distalis	Hyperplasia	Moderate
	Pars Intermed	Hyperplasia	Mild
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Moderate]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose
* Ovary	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Moderate
		Hyperplasia	Mild
		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone		Osteopetrosis	Mild
* Bone Marrow		Hyperplasia	Marked
		Leukemia Mononuclear	
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney	Renal Tubule	Hyperplasia	Mild
		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Leukemia Mononuclear	
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-11: Fibroadenoma]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401862

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 2-7: Hyperplasia, Pars Distalis, Moderate]			
* Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11: Mononuclear Cell Leukemia]			

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 719
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Mild
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Mammary Gland		Hyperplasia	Cystic, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 5-11: Necrosis, Fat, Marked]			
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Ovary	Bilateral	Cyst	Marked
[Cyst TGLS = 1,2-10: Cyst, Bilateral, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-7: Adenoma, Pars Distalis]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 4-11: Hyperplasia, Epithelium, Marked]			
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Minimal
* Lung		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Chronic Active, Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Hepatodiaphragmatic Nodule	
	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
* Lung		Inflammation	Chronic Active, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Degeneration	Cystic, Mild
* Adrenal Medulla		Hyperplasia	Minimal
* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 1-11: Carcinoma]			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Inflammation	Chronic, Minimal
* Lung		Carcinoma	Metastatic (Clitoral Gland)
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
[Carcinoma TGLS = 5,6-3:Metastatic Carcinoma,Clitoral Gland]			
Lymph Node	Renal	Ectasia	Mild
	Renal	Hyperplasia	Lymphoid, Moderate
Note: Tattoo Ink Present In Renal Lymph Node			
[Ectasia TGLS = 4-13: Ectasia, Mild, Renal]			
[Hyperplasia TGLS = 4-13:Hyperplasia,Lymphoid,Moderate.Renal]			
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-12: Necrosis, Fat, Marked]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401866

ORGAN AND ACCOUNTABLE SITE STATUS

* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-4: Hematopoietic Cell Proliferation, Moderate]			

PRIMARY CAUSE OF DEATH	- Clitoral Gland Carcinoma
CONTRIBUTORY CAUSE OF DEATH	- Lung Carcinoma Clitoral Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
* Lung		Inflammation	Chronic Active, Minimal
* Nose		Inflammation	Chronic Active, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 472
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Brain	* Clitoral Gland
* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Nose	* Ovary	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Bone Marrow		Hyperplasia	Marked
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Mild
* Liver		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Moderate
[Hepatodiaphragmatic Nodule TGLS = 1-1: Hepatodiaphragmatic Nodule]			
[Leukemia Mononuclear TGLS = 2-1: Mononuclear Cell Leukemia]			
* Lung		Cyst	Mild
		Leukemia Mononuclear	
[Cyst TGLS = 3-11: Cyst, Mild]			
Lymph Node	Mediastinal	Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Minimal
Mesentery		Leukemia Mononuclear	
* Pancreas	Acinus	Atrophy	Marked
		Leukemia Mononuclear	
* Pituitary Gland	Pars Distalis	Cyst	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 472
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401868

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear	
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular	Hypertrophy	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Minimal
* Ovary		Cyst	Mild
[Cyst TGLS = 1-10: Cyst, Mild]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	
		Hyperplasia	Cystic, Minimal
[Fibroadenoma TGLS = 1-11: Fibroadenoma]			
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Intermed	Cyst	Moderate
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic Active, Minimal
		Leukemia Mononuclear	
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Lymph Node, Mesenteric		Leukemia Mononuclear	
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 1-7: Cyst, Pars Distalis, Mild]			
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401871

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Leukemia Mononuclear
* Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Blood Vessel	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Adrenal Medulla		Pheochromocytoma Benign	
* Heart		Cardiomyopathy	Chronic, Mild
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Fibroadenoma	Multiple
		Hyperplasia	Cystic, Mild
[Fibroadenoma TGLS = 1,2-11+12: Fibroadenoma, Multiple]			
* Ovary		Cyst	Marked
[Cyst TGLS = 3-10: Cyst, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Minimal
[Adenoma TGLS = 4-7: Adenoma, Pars Distalis]			
* Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Chronic, Mild
* Intestine Small, Jejunum		Leiomyoma	
[Leiomyoma TGLS = 1-11: Leiomyoma]			
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
* Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 184
	DOSE: 1000 PPM	**DISP:** Scheduled Sacrifice	**HISTO:** 9401874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	
OBSERVATIONS			
* Kidney		Mineralization	Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular, Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic, Minimal
	Hepatocyte	Necrosis	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: 1000 PPM	**DISP:** Natural Death	**HISTO:** 9401875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Marked
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver	Centrilobular, Hepatocyte	Degeneration	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Vacuolization Cytoplasmic	Mild
[Hepatodiaphragmatic Nodule TGLS = 2-1: Hepatodiaphragmatic Nodule]			
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 3-7, Cyst, Pars Distalis, Mild]			
* Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH - Clitoral Gland Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Moderate
* Clitoral Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Inflammation	Chronic, Moderate
		Mixed Cell Focus	
	Hepatocyte	Vacuolization Cytoplasmic	Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-7: Hyperplasia, Cystic, Mild]			
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 2-11: Necrosis, Fat, Marked]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-7: Adenoma, Pars Distalis]			
* Thyroid Gland	Bilateral, C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 592
	DOSE: 1000 PPM	**DISP:** Moribund Sacrifice	**HISTO:** 9401877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Inflammation	Chronic, Mild
* Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Adrenal Cortex		Degeneration	Fatty, Mild
		Hyperplasia	Mild
* Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-10: Adenoma]			
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Mild
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
		Mixed Cell Focus	
[Basophilic Focus TGLS = 4-1+11: Basophilic Focus]			
[Eosinophilic Focus TGLS = 5-11: Eosinophilic Focus]			
* Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Deep Cervical	Carcinoma	Metastatic (Thyroid Gland)
	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Ovary		Cyst	Mild
[Cyst TGLS = 2-10: Cyst, Mild]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401878

ORGAN AND ACCOUNTABLE SITE STATUS

* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
* Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 3-7: Carcinoma]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Adrenal Medulla	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	* Uterus
OBSERVATIONS			
* Adrenal Cortex		Hyperplasia	Mild
* Heart		Cardiomyopathy	Chronic, Minimal
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
* Mammary Gland		Hyperplasia	Cystic, Minimal
* Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
* Pituitary Gland	Pars Distalis	Cyst	Mild
	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-7: Hyperplasia, Pars Distalis, Moderate]			
* Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 10	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: 1000 PPM	**DISP:** Terminal Sacrifice	**HISTO:** 9401880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Ovary	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Intestine Large, Rectum		Parasite Metazoan	
* Kidney		Nephropathy	Chronic, Minimal
	Renal Tubule	Pigmentation	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Pigmentation	Hemosiderin, Minimal
* Mammary Gland		Hyperplasia	Cystic, Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Cyst	Minimal
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE