C Number:	MG96005
Lock Date:	Not Entered.
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

ANIMAL ID: 38	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 206
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate, Dorsal Lobe	Rete Testes
Salivary Glands	Skin	Testes	
AUTO PRECLUDES DIAG.			
Coagulating Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lung	Lymph Node, Mesenteric	Mammary Gland	Pancreas
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Urinary Bladder		
OBSERVATIONS			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Liver			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Note: TGL # 01 - NO SECTION TAKEN			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Hemorrhage	Moderate
Trachea	Epithelium	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 39	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 213
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Pancreas	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Bone Marrow		Lymphoma Malignant	
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
Lung		Lymphoma Malignant	
Lymph Node	Thoracic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Parathyroid Gland		Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Marked
		Necrosis	Moderate
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 41	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 227
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Skin

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Skin			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Note: PATHOLOGIST NOTED: MISSING AT EMBEDDING			
Spleen		Pigmentation	Minimal
Thyroid Gland		Cyst	Squamous
		Infiltration Cellular	Lymphocyte, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 42	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 267
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder
INSUFFICIENT TISSUE			
Mammary Gland	Thymus		
OBSERVATIONS			
Kidney		Inflammation	Chronic, Minimal
Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Marked
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 52	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 275
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Pituitary Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Mineralization	Minimal
		Vacuolization Cytoplasmic	Minimal
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 1-13]			
Nose		Hemorrhage	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Salivary Glands		Neurofibrosarcoma	
[Neurofibrosarcoma TGLS = 2-12]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Salivary Glands Neurofibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Esophagus
Mammary Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Skin	Testes	Urinary Bladder	

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Adrenal Cortex	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Intestine Large, Colon	Intestine Small, Duodenum	Kidney	Lung
Nose	Pituitary Gland	Preputial Gland	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Trachea	

OBSERVATIONS

Blood Vessel		Polyarteritis	Marked
		Thrombosis	Marked
[Thrombosis TGLS = 4-1.1]			
Coagulating Gland	Adventitia	Polyarteritis	Moderate
Epididymis	Adventitia	Polyarteritis	Mild
Heart		Polyarteritis	Marked
Intestine Large, Cecum		Polyarteritis	Marked
Intestine Small, Ileum		Polyarteritis	Marked
Intestine Small, Jejunum		Polyarteritis	Marked
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Polyarteritis	Marked
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Autolysis	Moderate
		Degeneration	Cystic, Marked
		Polyarteritis	Marked
[Degeneration TGLS = 3-9]			
[Polyarteritis TGLS = 3-9]			
Pancreas	Acinar Cell	Degeneration	Mild
		Polyarteritis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 53	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 296
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300053

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 2-5]			
[Polyarteritis TGLS = 2-5]			
Prostate, Dorsal Lobe		Polyarteritis	Marked
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-5]			
Thymus	Adventitia	Polyarteritis	Moderate
[Polyarteritis TGLS = 5-1]			
Thyroid Gland		Polyarteritis	Moderate
PRIMARY CAUSE OF DEATH	- Blood Vessel Thrombosis		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 303
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Lung	Parathyroid Gland	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Bone Marrow		Lymphoma Malignant	
Islets, Pancreatic		Hyperplasia	Mild
Liver		Lymphoma Malignant	
Lymph Node	Axillary	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-13.1]			
[Lymphoma Malignant TGLS = 1-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
		Lymphoma Malignant	
Lymph Node, Mesenteric		Lymphoma Malignant	
Mammary Gland		Degeneration	Moderate
Note: TGL # 02 - NOTED GROSSLY AS MAMMARY GLAND WAS LYMPH NODE, AXILLARY			
Note: TGL # 01 - NOTED GROSSLY AS MAMMARY GLAND WAS LYMPH NODE, INGUINAL			
Nose		Lymphoma Malignant	
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Spleen		Hematopoietic Cell Proliferation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 54	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 303
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300054

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 350
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone, Femur	Coagulating Gland	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Parathyroid Gland	Rete Testes	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Small, Ileum	Intestine Small, Jejunum

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Blood Vessel	Adventitia	Lymphoma Malignant	
Bone Marrow		Lymphoma Malignant	
Brain	Cerebrum	Hydrocephalus	Mild
	Brain Stem	Lymphoma Malignant	
	Cerebellum, Meninges	Lymphoma Malignant	
	Cerebrum, Meninges	Lymphoma Malignant	
[Hydrocephalus TGLS = 3-8]			
Islets, Pancreatic		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
		Nephropathy	Chronic, Marked
[Lymphoma Malignant TGLS = 1-2]			
[Nephropathy TGLS = 1-2]			
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node, Mandibular		Lymphoma Malignant	
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]			
Mammary Gland		Infiltration Cellular	Mast Cell, Mild
Nose		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Pituitary Gland		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 61	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 350
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300061

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Degeneration	Moderate
		Inflammation	Suppurative, Marked
		Lymphoma Malignant	
Prostate, Ventral Lobe		Inflammation	Suppurative, Marked
		Lymphoma Malignant	
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 2-6.1]			
Spleen		Lymphoma Malignant	
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-1]			
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 63	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 359
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland
Epididymis	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	Pancreas
Pituitary Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Brain	Cerebrum	Granular Cell Tumor Malignant	
[Granular Cell Tumor Malignant TGLS = 1-8]			
Esophagus		Hyperkeratosis	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Tension Lipidosis	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Degeneration	Mild
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Brain Cerebrum Granular Cell Tumor Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 362
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Parathyroid Gland	Pituitary Gland
Rete Testes	Salivary Glands	Skin	Stomach, Forestomach
Trachea			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Blood Vessel	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Stomach, Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Coagulating Gland		Adenocarcinoma	Metastatic (Prostate)
Epididymis		Degeneration	Marked
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-6.1]			
Esophagus		Hyperkeratosis	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Autolysis	Marked
	Pelvis	Dilatation	Moderate
	Pelvis	Hyperplasia	Moderate
	Pelvis	Inflammation	Suppurative, Moderate
[Dilatation TGLS = 1-2+2.1]			
Liver		Autolysis	Moderate
Mammary Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pancreas		Autolysis	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 64	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 362
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300064

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Adenocarcinoma	
Prostate, Ventral Lobe		Adenocarcinoma	
Seminal Vesicle		Adenocarcinoma	Metastatic (Prostate)
		Inflammation	Suppurative, Marked
[Adenocarcinoma TGLS = 3-6.1]			
[Inflammation TGLS = 3-6.1]			
Spleen		Autolysis	Mild
		Pigmentation	Marked
Testes		Autolysis	Mild
	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
		Autolysis	Marked

PRIMARY CAUSE OF DEATH	- Prostate, Dorsal Lobe	Adenocarcinoma
CONTRIBUTORY CAUSE OF DEATH	- Prostate;Ventral Lobe	Adenocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 65	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 364
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Epididymis	Esophagus
Heart	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Skin	Testes		

MISSING

Thymus

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Lung	Lymph Node, Mesenteric	Nose
Pancreas	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Islets, Pancreatic	Hyperplasia	Mild
Liver	Autolysis	Mild
Lymph Node, Mandibular	Autolysis	Moderate
	Infiltration Cellular	Plasma Cell, Marked
Spleen	Autolysis	Mild
	Pigmentation	Mild
Thymus		
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED		
Thyroid Gland	Autolysis	Mild
	Cyst	Squamous

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 75	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 57
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Coagulating Gland	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Medulla

OBSERVATIONS

Brain	Cerebrum, Meninges	Congestion	Moderate
	Cerebrum, Meninges	Hemorrhage	Moderate
	Cerebellum	Hydrocephalus	Marked
	Cerebrum	Hydrocephalus	Marked
[Congestion TGLS = 1-8]			
[Hemorrhage TGLS = 1-8]			
[Hydrocephalus TGLS = 1-8]			
Epididymis		Hypospermia	Marked
Kidney	Renal Tubule	Dilatation	Mild
		Inflammation	Chronic, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Brain Cerebrum Meninges Congestion;Brain Cerebrum Meninges Hemorrhage;Brain Cerebrum Hydrocephalus

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 92	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 406
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Mammary Gland	Pancreas
Pituitary Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		
INSUFFICIENT TISSUE			
Bone, Femur			
OBSERVATIONS			
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Mast Cell, Mild
Nose		Foreign Body	
		Inflammation	Suppurative, Minimal
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Moderate
		Hyperplasia	Marked
Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
Thymus		Atrophy	Moderate
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 429
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Coagulating Gland	Epididymis	Rete Testes
Skin	Stomach, Forestomach	Stomach, Glandular	

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Small, Duodenum	Intestine Small, Jejunum	Thyroid Gland

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Lymphoma Malignant	
Bone Marrow		Autolysis	Marked
		Lymphoma Malignant	
Brain	Cerebrum	Lymphoma Malignant	
Esophagus		Hyperkeratosis	Mild
Heart		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-1]			
Intestine Large, Colon		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 13-9]			
Intestine Small, Ileum		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12-9]			
Islets, Pancreatic		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-2+2.1]			
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5.1]			
Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-10]			
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-13]			
Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 99	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 429
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300099

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 8-12]			
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]			
Nose		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Note: TGL # 04 - Involves the Pancreas and Islets Panc			
[Lymphoma Malignant TGLS = 4-5]			
Parathyroid Gland		Hyperplasia	Mild
		Lymphoma Malignant	
Pituitary Gland		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-3]			
Preputial Gland		Inflammation	Suppurative, Mild
		Lymphoma Malignant	
Prostate, Dorsal Lobe		Lymphoma Malignant	
Prostate, Ventral Lobe		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 14-6.1]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Lymphoma Malignant	
Trachea		Lymphoma Malignant	
Urinary Bladder		Dilatation	Marked
[Dilatation TGLS = 3-2.1]			
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 100	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 433
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Esophagus	Heart
Parathyroid Gland	Rete Testes	Skin	Testes

MISSING

Pituitary Gland

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Preputial Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Sem Ves

Note: TGL # 01 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 436
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Epididymis	Esophagus	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Parathyroid Gland
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Urinary Bladder

MISSING

Intestine Large, Cecum

AUTO PRECLUDES DIAG.

Trachea

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Lymphoma Malignant	
		Vacuolization Cytoplasmic	Minimal
Bone Marrow		Autolysis	Marked
		Lymphoma Malignant	
Bone, Femur		Hyperostosis	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 9-6.2]			
Heart		Lymphoma Malignant	
Islets, Pancreatic		Lymphoma Malignant	
Kidney		Accumulation, Hyaline Droplet	Marked
		Lymphoma Malignant	
		Nephropathy	Chronic, Marked
[Lymphoma Malignant TGLS = 6,7-2]			
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-5.1]			
Lung		Lymphoma Malignant	
Lymph Node	Inguinal	Lymphoma Malignant	
	Thoracic	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 436
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300103

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 4-13.1]			
[Lymphoma Malignant TGLS = 3-13]			
Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-12]			
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-9.1]			
Nose		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Pituitary Gland		Lymphoma Malignant	
Preputial Gland		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Degeneration	Moderate
Rete Testes		Dilatation	Mild
Salivary Glands		Lymphoma Malignant	
Skin		Abscess	Marked
	Epidermis	Ulcer	Marked
[Abscess TGLS = 5-5.2]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
Thymus		Lymphoma Malignant	
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 449
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Heart	Parathyroid Gland
Rete Testes	Salivary Glands		

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Nose	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Kidney			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lung			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Skin		Cyst Epithelial Inclusion	
		Sarcoma	
[Cyst Epithelial Inclusion TGLS = 4-5.2]			
[Sarcoma TGLS = 3-5.1]			
Spleen			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Testes	Seminif Tub	Degeneration	Mild

PRIMARY CAUSE OF DEATH - Skin Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 453
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Liver
Lymph Node, Mesenteric	Mammary Gland	Nose	Pituitary Gland
Preputial Gland	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Rete Testes

OBSERVATIONS

Bone Marrow	Erythroid Cell	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Capsule	Fibrosis	Mild
		Nephropathy	Chronic, Minimal
Lung		Metaplasia	Osseous, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Mild
Skin		Sarcoma	
[Sarcoma TGLS = 1-5.1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes			
Note: PATHOLOGIST NOTED: WET TISSUE CHECKED, NO RETE TESTES LOCATED			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Skin Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 456
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Heart	Parathyroid Gland
Rete Testes	Skin		

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Nose	Pancreas	Preputial Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Brain			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Kidney			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lym Node Mesen			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Pituitary Gland	Pars Distalis	Adenoma	
		Autolysis	Marked
[Adenoma TGLS = 1-3]			
Prostate, Dorsal Lobe		Autolysis	Moderate
		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Autolysis	Marked
Testes		Autolysis	Marked
Note: PATHOLOGIST NOTED: NORMAL SECTION OF TESTES WAS AUTOLYSIS PRECLUDES DIAGNOSIS			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 475
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Skin	

MISSING

Parathyroid Gland	Rete Testes		

AUTO PRECLUDES DIAG.

Adrenal Medulla	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Coagulat Gl			
Note: TGL # 13 - NO MICROSCOPIC CORRELATE			
Heart		Autolysis	Marked
		Leukemia Granulocytic	
Kidney		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 5-2.1]			
Liver		Autolysis	Marked
		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 7-5]			
Lung		Autolysis	Marked
		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 6-10]			
Lymph Node	Deep Cervical	Autolysis	Marked
	Lumbar	Autolysis	Marked
	Renal	Autolysis	Marked
	Deep Cervical	Leukemia Granulocytic	
	Lumbar	Leukemia Granulocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 475
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300119

ORGAN AND ACCOUNTABLE SITE STATUS

	Renal	Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 4-13.2]			
[Leukemia Granulocytic TGLS = 3-13.1]			
[Leukemia Granulocytic TGLS = 2-13]			
Lymph Node, Mandibular		Autolysis	Marked
		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 10-12]			
Lymph Node, Mesenteric		Leukemia Granulocytic	
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Dilatation TGLS = 8-6.1]			
[Inflammation TGLS = 8-6.1]			
Saliv Glands			
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			
Sem Ves			
Note: TGL # 12 - NO MICROSCOPIC CORRELATE			
Spleen		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 1-5.1]			
Stom Forestom			
Note: TGL # 11 - NO MICROSCOPIC CORRELATE			
Thymus		Leukemia Granulocytic	
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Granulocytic		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 474
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Kidney	Liver	Lung
Nose	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 3-6.2]			
Intestine Small, Ileum		Autolysis	Moderate
Intestine Small, Jejunum		Autolysis	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mammary Gland	Duct	Dilatation	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Spleen		Pigmentation	Marked
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 486
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Lymph Node, Mesenteric
Preputial Gland	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Coagulating Gland		Atrophy	Mild
[Atrophy TGLS = 4-6.1]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Nose		Fungus	
		Inflammation	Chronic Active, Marked
		Necrosis	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland		Autolysis	Marked
Prostate, Ventral Lobe		Hyperplasia	Moderate
Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
		Schwannoma Malignant	
[Hyperkeratosis TGLS = 3-5.3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 486
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300121

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-5.3]			
[Inflammation TGLS = 2-5.2]			
[Schwannoma Malignant TGLS = 1-5.1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
PRIMARY CAUSE OF DEATH	- Skin Schwannoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 485
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Parathyroid Gland	

AUTO PRECLUDES DIAG.

Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Preputial Gland	Prostate, Ventral Lobe
Rete Testes	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Testes	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-3]			
Adrenal Medulla		Lymphoma Malignant	
Bone Marrow		Lymphoma Malignant	
Esophagus		Hyperkeratosis	Mild
Heart		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 12,13,14-1]			
Int Lg Cecum			
Note: TGL # 20 - NO MICROSCOPIC CORRELATE			
Int Lg Colon			
Note: TGL # 19 - NO MICROSCOPIC CORRELATE			
Islets, Pancreatic		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-2+2.1]			
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-5.1]			
Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 485
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300123

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 10-13.1]	
Lymph Node, Mandibular	Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-12]	
Lymph Node, Mesenteric	Lymphoma Malignant
[Lymphoma Malignant TGLS = 17-9.1]	
Nose	Lymphoma Malignant
Pancreas	Lymphoma Malignant
[Lymphoma Malignant TGLS = 5-5]	
Pituitary Gland	Lymphoma Malignant
[Lymphoma Malignant TGLS = 16-3]	
Prostate, Dorsal Lobe	Lymphoma Malignant
Salivary Glands	Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-12]	
Sem Ves	
Note: TGL # 18 - NO MICROSCOPIC CORRELATE	
Spleen	Lymphoma Malignant
[Lymphoma Malignant TGLS = 3,4-5]	
Thymus	Lymphoma Malignant
[Lymphoma Malignant TGLS = 11-1]	
Thyroid Gland	Lymphoma Malignant
[Lymphoma Malignant TGLS = 15-3]	
Trachea	Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 525
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Lymph Node, Mandibular	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Salivary Glands	Skin

MISSING

Preputial Gland	Rete Testes

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Epididymis
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Mammary Gland
Pituitary Gland	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Coagulating Gland		Autolysis	Moderate
	Interstitium	Inflammation	Chronic, Moderate
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Autolysis	Moderate
		Bacterium	Marked
	Pelvis	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
[Autolysis TGLS = 3-2]			
[Bacterium TGLS = 3-2]			
[Hyperplasia TGLS = 3-2]			
[Inflammation TGLS = 3-2]			
Lung			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Pancreas	Acinar Cell	Degeneration	Mild
Penis		Concretion	
[Concretion TGLS = 4-13]			
Prostate, Dorsal Lobe		Autolysis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 525
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300132

ORGAN AND ACCOUNTABLE SITE STATUS

	Interstitium	Fibrosis	Marked
		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe	Interstitium	Fibrosis	Moderate
		Inflammation	Suppurative, Marked
Seminal Vesicle		Autolysis	Moderate
		Dilatation	Moderate
		Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
[Autolysis TGLS = 2-6.1]			
[Dilatation TGLS = 2-6.1]			
[Hyperplasia TGLS = 2-6.1]			
[Inflammation TGLS = 2-6.1]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Urin Bladder			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH	- Kidney	Inflammation
CONTRIBUTORY CAUSE OF DEATH	- Kidney	Bacterium

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 528
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
	Myeloid Cell	Hyperplasia	Moderate
Kidney	Cortex	Cyst	
		Fibrosis	Minimal
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
[Fibrosis TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Minimal
[Infiltration Cellular TGLS = 4-10]			
[Mineralization TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 528
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300133

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Moderate
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 534
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Heart
Nose	Rete Testes	Salivary Glands	Skin
Stomach, Forestomach	Thyroid Gland	Trachea	Urethra

AUTO PRECLUDES DIAG.

Blood Vessel	Coagulating Gland	Intestine Large, Cecum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Seminal Vesicle	Stomach, Glandular	Urinary Bladder

OBSERVATIONS

Epididymis		Granuloma Sperm	Marked
[Granuloma Sperm TGLS = 2-6.1]			
Esophagus		Hyperkeratosis	Mild
Intestine Large, Colon		Autolysis	Marked
		Inflammation	Suppurative, Marked
Islets, Pancreatic		Autolysis	Marked
Kidney		Autolysis	Moderate
	Cortex	Cyst	
	Pelvis	Dilatation	Moderate
		Nephropathy	Chronic, Marked
[Dilatation TGLS = 5,6-2]			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 7-5.1]			
Lung		Autolysis	Moderate
		Infiltration Cellular	Histiocyte, Mild
Pancreas		Autolysis	Marked
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 534
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300138

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-6]			
Prostate, Ventral Lobe		Carcinoma	
Spleen		Depletion Lymphoid	Marked
		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
Urethra			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE (NORMAL BULBOURETHRAL GLAND)			
Urin Bladder			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - Prostate, Ventral Lobe Carcinoma

Animal Note: TGL # 04 - Noted grossly as Tissue NOS was Urethra

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 564
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Mammary Gland	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea			

MISSING

Rete Testes

AUTO PRECLUDES DIAG.

Adrenal Cortex

OBSERVATIONS

Bone Marrow	Lymphoma Malignant	
Esophagus	Hyperkeratosis	Mild
Harderian Gland	Pigmentation	Marked
[Pigmentation TGLS = 12-13.1]		
Heart	Autolysis	Marked
	Cardiomyopathy	Mild
Int Lg Cecum		
Note: TGL # 14 & 15 - NO MICROSCOPIC CORRELATE		
Islets, Pancreatic	Lymphoma Malignant	
Kidney	Autolysis	Marked
	Lymphoma Malignant	
Note: TGL # 06 - NO MICROSCOPIC CORRELATE		
[Lymphoma Malignant TGLS = 7-2]		
Liver	Autolysis	Moderate
	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-5]		
Lung	Autolysis	Moderate
	Lymphoma Malignant	
Note: PATHOLOGIST NOTED: TGL # 1 LOCATED ON SLIDE 10A (10.1) ONLY		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 564
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300172

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLS = 10-10.1]			
Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-12]			
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 13-9]			
Mesentery		Lymphoma Malignant	
	Fat	Necrosis	Marked
[Lymphoma Malignant TGLS = 4-13]			
[Necrosis TGLS = 4-13]			
Nose		Autolysis	Moderate
		Keratin Cyst	
		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Pituitary Gland		Autolysis	Moderate
		Lymphoma Malignant	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Lymphoma Malignant	
Prostate, Ventral Lobe		Lymphoma Malignant	
Skin		Cyst Epithelial Inclusion	
		Lipoma	
[Cyst Epithelial Inclusion TGLS = 1-5.2]			
[Lipoma TGLS = 2-5.3]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5.1]			
Thymus		Autolysis	Marked
		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11-1]			
Thyroid Gland		Cyst	Squamous
Urinary Bladder		Autolysis	Marked
		Hemorrhage	Mild
[Hemorrhage TGLS = 8-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 172	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 564
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300172

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Coagulating Gland	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic
Liver	Lung	Pancreas	Parathyroid Gland
Rete Testes	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small, Jejunum	Mammary Gland	Seminal Vesicle

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
Brain	Brain Stem	Hemorrhage	Mild
	Cerebellum	Hemorrhage	Mild
	Cerebrum	Hemorrhage	Mild
[Hemorrhage TGLS = 3-8]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Nose		Inflammation	Chronic Active, Mild
		Necrosis	Mild
Penis		Concretion	
		Hemorrhage	Minimal
[Concretion TGLS = 2-13]			
[Hemorrhage TGLS = 2-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 176	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 565
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300176

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 4-5.2]			
[Hyperplasia TGLS = 4-5.2]			
Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Moderate
Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Liver	Lung	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate, Dorsal Lobe
Salivary Glands	Skin	Thyroid Gland	Urinary Bladder
MISSING			
Rete Testes			
AUTO PRECLUDES DIAG.			
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Stomach, Forestomach	Stomach, Glandular	Trachea
OBSERVATIONS			
Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Esophagus		Hyperkeratosis	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Autolysis	Mild
		Nephropathy	Chronic, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Inflammation	Granulomatous, Marked
Pancreas		Autolysis	Moderate
	Acinar Cell	Degeneration	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Moderate
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 1-6.1]			
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 179	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300179

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Epididymis	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea		

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Brain	Brain Stem	Glioma Malignant	
	Cerebrum	Glioma Malignant	
[Glioma Malignant TGLS = 5-8]			
Coagulating Gland		Atrophy	Mild
		Autolysis	Mild
[Atrophy TGLS = 7-6.1]			
Esophagus		Hyperkeratosis	Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Autolysis	Marked
		Nephropathy	Chronic, Minimal
Lung		Autolysis	Moderate
		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2,3,4-10]			
Pancreas		Autolysis	Mild
	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 180	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 568
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300180

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Autolysis	Moderate
		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Autolysis	Moderate
		Hyperplasia	Mild
Seminal Vesicle		Atrophy	Mild
		Autolysis	Marked
[Atrophy TGLS = 6-6.1]			
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5.1]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Urinary Bladder		Dilatation	Marked

PRIMARY CAUSE OF DEATH - Brain Brain Stem Glioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate, Ventral Lobe	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Vacuolization Cytoplasmic	Minimal
Epididymis		Degeneration	Mild
		Hypospermia	Marked
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Chronic, Mild
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 3-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Marked
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Rete Testes		Dilatation	Minimal
Saliv Glands			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Seminal Vesicle		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 185	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 569
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300185

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 6-6.1]			
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 4,5-5.1]			
[Necrosis TGLS = 4,5-5.1]			
Spleen		Hematopoietic Cell Proliferation	Marked
		Hyperplasia	Lymphoid, Moderate
		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Marked
Thymus		Atrophy	Marked
Zymbal's Gland		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-13]			

PRIMARY CAUSE OF DEATH - Zymbal's Gland Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 1-2.1]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Nose	Upper Molar	Inflammation	Chronic Active, Mild
		Keratin Cyst	
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 186	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 572
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300186

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Suppurative, Marked
	Necrosis	Moderate
[Hyperkeratosis TGLS = 4-5.2]		
[Hyperplasia TGLS = 4-5.2]		
[Inflammation TGLS = 3-5.2]		
[Necrosis TGLS = 3-5.2]		
Spleen	Pigmentation	Moderate
Thymus	Atrophy	Marked
Note: TGL # 05 - NO SECTION TAKEN		

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 578
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Parathyroid Gland	

MISSING

Rete Testes

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Epididymis		Autolysis	Mild
Esophagus		Hyperkeratosis	Mild
Sem Ves			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Skin		Fibroma	
		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
		Inflammation	Chronic Active, Mild

[Fibroma TGLS = 1-5.1]
[Hyperkeratosis TGLS = 5-5.4]
[Hyperplasia TGLS = 5-5.4]
[Inflammation TGLS = 4-5.3]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 191	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 578
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300191

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-5.2]			
Testes	Seminif Tub	Degeneration	Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 199	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 584
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Islets, Pancreatic
Liver	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Coagulating Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Seminal Vesicle	Thyroid Gland	

OBSERVATIONS

Esophagus		Hyperkeratosis	Mild
Heart		Cardiomyopathy	Minimal
Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-10]			
Preputial Gland	Parenchym Cell	Degeneration	Moderate
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 3-6.1]			
[Inflammation TGLS = 3-6.1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-1.1]			

PRIMARY CAUSE OF DEATH - Thymus Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 589
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Epididymis	Esophagus
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Parathyroid Gland	Pituitary Gland	Rete Testes	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Bone Marrow		Lymphoma Malignant	
Bone, Femur		Necrosis	Marked
Heart		Lymphoma Malignant	
Intestine Large, Cecum		Lymphoma Malignant	
Islets, Pancreatic		Hyperplasia	Mild
		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
		Nephropathy	Chronic, Mild
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Lung		Lymphoma Malignant	
	Artery	Mineralization	Mild
Lymph Node	Inguinal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-13]			
[Lymphoma Malignant TGLS = 2-13.2]			
[Lymphoma Malignant TGLS = 5-13.1]			
Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 201	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 589
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300201

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Lymphoma Malignant	
Nose		Lymphoma Malignant	
Pancreas	Acinar Cell	Degeneration	Mild
		Lymphoma Malignant	
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Lymphoma Malignant	
Prostate, Ventral Lobe		Lymphoma Malignant	
Seminal Vesicle		Atrophy	Moderate
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Marked
Thymus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Heart Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Blood Vessel	Bone, Femur	Esophagus	Rete Testes
Skin	Stomach, Forestomach	Testes	
AUTO PRECLUDES DIAG.			
Adrenal Cortex	Adrenal Medulla		
OBSERVATIONS			
Bone Marrow		Lymphoma Malignant	
Brain	Brain Stem	Lymphoma Malignant	
	Cerebellum	Lymphoma Malignant	
	Cerebrum	Lymphoma Malignant	
Coagulating Gland		Lymphoma Malignant	
Epididymis		Lymphoma Malignant	
Heart		Lymphoma Malignant	
Intestine Large, Cecum		Lymphoma Malignant	
Intestine Large, Colon		Lymphoma Malignant	
Intestine Small, Duodenum		Lymphoma Malignant	
Intestine Small, Ileum		Lymphoma Malignant	
Intestine Small, Jejunum		Lymphoma Malignant	
Islets, Pancreatic		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
Lung		Hemorrhage	Moderate
		Lymphoma Malignant	
Lymph Node	Deep Cervical	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Thoracic	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-13]			
[Lymphoma Malignant TGLS = 5,6-13.3+13.2]			
[Lymphoma Malignant TGLS = 7-13.1]			
Lymph Node, Mandibular		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 202	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 588
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300202

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric	Lymphoma Malignant
[Lymphoma Malignant TGLS = 9-9]	
Mammary Gland	Lymphoma Malignant
[Lymphoma Malignant TGLS = 10-5.1]	
Nose	Lymphoma Malignant
Pancreas	Lymphoma Malignant
Parathyroid Gland	Lymphoma Malignant
Pituitary Gland	Lymphoma Malignant
Preputial Gland	Lymphoma Malignant
Prostate, Dorsal Lobe	Lymphoma Malignant
Prostate, Ventral Lobe	Lymphoma Malignant
Salivary Glands	Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-12]	
Seminal Vesicle	Lymphoma Malignant
Spleen	Lymphoma Malignant
[Lymphoma Malignant TGLS = 1-5]	
Stomach, Glandular	Lymphoma Malignant
Thymus	Lymphoma Malignant
[Lymphoma Malignant TGLS = 8-1]	
Thyroid Gland	Lymphoma Malignant
Trachea	Lymphoma Malignant
Urinary Bladder	Lymphoma Malignant
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Atrophy	Marked
[Atrophy TGLS = 1-3]			
Bone Marrow		Hypocellularity	Marked
Brain	Brain Stem	Compression	Mild
	Cerebellum	Hydrocephalus	Minimal
	Cerebrum	Hydrocephalus	Minimal
Kidney	Cortex	Cyst	
		Hyperplasia	Tubular, Moderate
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Nose		Foreign Body	
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 204	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 593
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300204

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
Spleen		Pigmentation	Marked
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 598
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebrum	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Preputial Gland	Rete Testes
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
	Cerebellum	Gliosis	Minimal
	Cerebellum	Hemorrhage	Minimal
[Compression TGLS = 5-8]			
Coagulating Gland		Atrophy	Moderate
[Atrophy TGLS = 3-6.1]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
		Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-6]			
Prostate, Ventral Lobe		Degeneration	Moderate
		Inflammation	Suppurative, Mild
[Degeneration TGLS = 4-6]			
[Inflammation TGLS = 4-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 212	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 598
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300212

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 2-6.1]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Coagulating Gland	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Small, Jejunum

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
	Cerebellum	Hydrocephalus	Moderate
	Cerebrum	Hydrocephalus	Moderate
[Compression TGLS = 6-8]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Lymphocyte, Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
[Infiltration Cellular TGLS = 1-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 7-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mammary Gland	Duct	Dilatation	Moderate
		Galactocele	Marked
		Hemorrhage	Marked
		Inflammation	Granulomatous, Marked
		Inflammation	Suppurative, Mild
[Dilatation TGLS = 3-5.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 216	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 602
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300216

ORGAN AND ACCOUNTABLE SITE STATUS

[Galactocele TGLS = 4-5.2]			
[Hemorrhage TGLS = 4-5.2]			
[Inflammation TGLS = 3-5.1]			
[Inflammation TGLS = 4-5.2]			
Pancreas	Acinar Cell	Degeneration	Mild
		Pigmentation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
[Inflammation TGLS = 2-6]			
Skin			
Note: TGL # 03 & 04 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Pigmentation	Marked
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Heart	Pituitary Gland	Urinary Bladder

MISSING

Parathyroid Gland	Rete Testes

AUTO PRECLUDES DIAG.

Coagulating Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Pancreas
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Trachea

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Epididymis	Degeneration	Mild
	Hypospermia	Marked
Liver	Angiectasis	Moderate
	Cholangiocarcinoma	
[Cholangiocarcinoma TGLS = 2-5]		
Nose	Inflammation	Suppurative, Marked
	Keratin Cyst	
[Keratin Cyst TGLS = 7-11]		
Parathyroid Gl		
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED		
Preputial Gland	Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe	Inflammation	Suppurative, Marked
Prostate, Ventral Lobe	Degeneration	Mild
	Inflammation	Suppurative, Mild
Seminal Vesicle	Atrophy	Moderate
	Autolysis	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 217	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 603
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300217

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 6-6.1]			
Skin		Foreign Body	
		Inflammation	Suppurative, Marked
[Foreign Body TGLS = 3-5.1]			
[Inflammation TGLS = 3,4-5.1+5.2]			
Spleen		Depletion Lymphoid	Marked
		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
[Depletion Lymphoid TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Marked
Note: PATHOLOGIST NOTED: WET TISSUE CHECKED, NO RETE TESTES LOCATED			
[Degeneration TGLS = 5-7]			
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300225

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	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	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Rete Testes

OBSERVATIONS

Brain	Cerebellum	Granular Cell Tumor Malignant	
	Cerebrum	Granular Cell Tumor Malignant	
[Granular Cell Tumor Malignant TGLS = 4-8]			
Coagulating Gland		Atrophy	Mild
Kidney		Nephropathy	Chronic, Moderate
[Nephropathy TGLS = 1-2]			
Liver	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Mild
[Metaplasia TGLS = 2,3-10]			
[Mineralization TGLS = 2,3-10]			
Pancreas	Acinar Cell	Degeneration	Mild
		Pigmentation	Minimal
Preputial Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 225	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 605
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300225

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 5-6.1]		
Skin	Fibrosis	Marked
	Inflammation	Chronic Active, Mild
[Fibrosis TGLS = 6-5.1]		
[Inflammation TGLS = 6-5.1]		
Testes		
Note: PATHOLOGIST NOTED: WET TISSUE CHECKED, NO RETE TESTES LOCATED		
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Brain Cerebrum Granular Cell Tumor Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node	Nose
Pituitary Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Mammary Gland	Thymus

OBSERVATIONS

Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-10]			
Lymph Node			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE(LYMPH NODE, HEMAL)			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
		Pigmentation	Marked
[Inflammation TGLS = 4-9]			
[Pigmentation TGLS = 4-9]			
Pancreas	Acinar Cell	Degeneration	Moderate
		Inflammation	Chronic, Mild
	Adventitia	Polyarteritis	Mild
Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 226	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 610
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300226

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe	Inflammation	Suppurative, Minimal
Spleen	Inflammation	Chronic Active, Marked
	Necrosis	Marked
	Pigmentation	Marked
[Inflammation TGLS = 1-5]		
[Necrosis TGLS = 1-5]		
Thymus		
Note: TGL # 06 - NOTED GROSSLY AS THYMUS WAS LYMPH NODE, HEMAL		

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
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
Nose	Parathyroid Gland	Pituitary Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Coagulating Gland		Atrophy	Moderate
Kidney		Fibrosarcoma	Metastatic (Skin)
		Nephropathy	Chronic, Mild
Note: TGL # 09 - NO SECTIN TAKEN			
[Fibrosarcoma TGLS = 8-2]			
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lung		Fibrosarcoma	Metastatic (Skin)
		Infiltration Cellular	Histiocyte, Marked
[Fibrosarcoma TGLS = 2,4,5,6,7-10+10.1]			
[Infiltration Cellular TGLS = 2,4,5,6,7-10+10.1]			
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Moderate
Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-5.1]			
Spleen		Pigmentation	Marked
Stomach, Forestomach		Keratin Cyst	
[Keratin Cyst TGLS = 10-9]			
Testes	Seminif Tub	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 230	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300230

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Moderate
Urinary Bladder	Dilatation	Marked
[Dilatation TGLS = 3-2]		

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Cerebellum	Esophagus	Heart	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Parathyroid Gland	Rete Testes
Salivary Glands	Stomach, Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Mammary Gland	Skin

OBSERVATIONS

Bone Marrow		Lymphoma Malignant	
Brain	Brain Stem	Lymphoma Malignant	
	Cerebrum	Lymphoma Malignant	
Coagulating Gland		Developmental Malformation	
		Lymphoma Malignant	
[Developmental Malformation TGLS = 11-6.1]			
Epididymis		Lymphoma Malignant	
Intestine Large, Cecum		Lymphoma Malignant	
Intestine Large, Colon		Lymphoma Malignant	
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 9-2]			
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-5]			
Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Lymphoma Malignant	
[Degeneration TGLS = 1-12]			
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-9]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 231	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 617
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300231

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5.1]			
Pituitary Gland		Lymphoma Malignant	
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Lymphoma Malignant	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
		Lymphoma Malignant	
Prostate, Ventral Lobe		Lymphoma Malignant	
Saliv Glands			
Note: TGL # 01 - NOTED GROSSLY AS SALIVARY GLAND WAS LYMPH NODE, MANDIBULAR			
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 10-6.1]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-5.1]			
Stomach, Forestomach		Hyperkeratosis	Minimal
		Hyperplasia	Mild
		Ulcer	Moderate
[Hyperkeratosis TGLS = 12-9]			
[Hyperplasia TGLS = 12-9]			
[Ulcer TGLS = 12-9]			
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-1]			
Urinary Bladder		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-2]			
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Esophagus
Heart	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Islets, Pancreatic	Parathyroid Gland	Rete Testes	Stomach, Forestomach
Testes	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Lymphoma Malignant
Bone Marrow		Lymphoma Malignant
Brain	Brain Stem	Lymphoma Malignant
	Cerebellum	Lymphoma Malignant
	Cerebrum	Lymphoma Malignant
Coagulating Gland	Adventitia	Lymphoma Malignant
Epididymis		Lymphoma Malignant
Intestine Large, Cecum		Lymphoma Malignant
Intestine Small, Jejunum		Lymphoma Malignant
[Lymphoma Malignant TGLS = 10-9]		
Kidney	Cortex	Cyst
		Lymphoma Malignant
[Cyst TGLS = 11-2]		
[Lymphoma Malignant TGLS = 11-2]		
Liver		Lymphoma Malignant
[Lymphoma Malignant TGLS = 2-5.1]		
Lung		Lymphoma Malignant
[Lymphoma Malignant TGLS = 7-10]		
Lymph Node	Mediastinal	Lymphoma Malignant
	Thoracic	Lymphoma Malignant
Note: PATHOLOGIST NOTED: TGL # 4 ALSO LOCATED ON SLIDE # 13A		
[Lymphoma Malignant TGLS = 4-13+13.1]		
[Lymphoma Malignant TGLS = 8-13.1]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 232	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 619
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300232

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-12]			
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 5-9]			
Nose		Lymphoma Malignant	
Pancreas		Lymphoma Malignant	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
		Lymphoma Malignant	
Preputial Gland		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-6.1]			
Prostate, Dorsal Lobe		Lymphoma Malignant	
Prostate, Ventral Lobe		Lymphoma Malignant	
Salivary Glands		Lymphoma Malignant	
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 9-6.1]			
Skin		Lymphoma Malignant	
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
Stomach, Glandular		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Thyroid Gland		Lymphoma Malignant	
Trachea		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Heart	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mesenteric	Parathyroid Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large, Cecum

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
		Inflammation	Chronic, Mild
		Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Marked
	Adventitia	Squamous Cell Carcinoma	
Skin		Inflammation	Chronic Active, Minimal
		Squamous Cell Carcinoma	

[Inflammation TGLS = 2-5.1]
[Squamous Cell Carcinoma TGLS = 1-5.2]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 240	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300240

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Skin Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Nose	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Brain			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE(CEREBRUM)			
Harderian Gland		Inflammation	Chronic, Mild
[Inflammation TGLS = 4-13]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
		Infiltration Cellular	Lymphocyte, Mild
[Ectopic Harderian TGLS = 1-13.1]			
[Infiltration Cellular TGLS = 1-13.1]			
Liver		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Lymphocyte, Mild
		Infiltration Cellular	Histiocyte, Mild
		Squamous Cell Carcinoma	Metastatic (Preputial Gland)
[Infiltration Cellular TGLS = 6-10]			
[Infiltration Cellular TGLS = 6-10]			
[Squamous Cell Carcinoma TGLS = 6-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 254	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 627
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300254

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-12]			
Pancreas	Acinar Cell	Degeneration	Mild
		Pigmentation	Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Suppurative, Marked
		Squamous Cell Carcinoma	
[Inflammation TGLS = 3-6.1]			
[Squamous Cell Carcinoma TGLS = 3-6.1]			
Seminal Vesicle		Inflammation	Chronic, Mild
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Preputial Gland Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-5.1]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Zymbal's Gland		Carcinoma	
		Inflammation	Suppurative, Marked
[Carcinoma TGLS = 1,2-13.1+13]			
[Inflammation TGLS = 1-13.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 269	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 631
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300269

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Zymbal's Gland Carcinoma

Animal Note: TGL # 01 - Noted grossly as Lymph Node, Deep Cervical was Zymbal`s Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 277	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 634
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Esophagus	Heart	Parathyroid Gland	Pituitary Gland
Rete Testes	Skin		

AUTO PRECLUDES DIAG.

Adrenal Cortex	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Nose
Pancreas	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Lymph Node, Mandibular		Autolysis	Marked
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Autolysis	Marked
		Inflammation	Granulomatous, Mild
Preputial Gland		Autolysis	Marked
		Inflammation	Suppurative, Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
Thymus		Atrophy	Marked
		Autolysis	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 644
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Epididymis	Esophagus
Islets, Pancreatic	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate, Dorsal Lobe	Rete Testes
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Coagulating Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Seminal Vesicle
Thyroid Gland			

OBSERVATIONS

Bone, Cranium		Osteoma	
[Osteoma TGLS = 4-13]			
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Compression	Mild
	Cerebrum	Ectopic Tissue	
	Cerebrum	Gliosis	Mild
	Brain Stem	Hemorrhage	Mild
	Cerebrum	Hemorrhage	Mild
	Cerebrum	Mineralization	Mild
[Compression TGLS = 3-8]			
[Ectopic Tissue TGLS = 3-8]			
[Gliosis TGLS = 3-8]			
[Hemorrhage TGLS = 3-8]			
[Mineralization TGLS = 3-8]			
Heart		Autolysis	Mild
		Cardiomyopathy	Minimal
Kidney		Autolysis	Marked
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 286	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 644
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300286

ORGAN AND ACCOUNTABLE SITE STATUS

Lung			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-6.1]			
Prostate, Ventral Lobe		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5.1]			
Spleen		Autolysis	Mild
		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Bone, Cranium Osteoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Brain	Cerebellum	Astrocytoma Malignant	
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 1-2]			
Liver		Clear Cell Focus	Multiple
	Biliar Tract	Fibrosis	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Mild
Pancreas		Inflammation	Chronic Active, Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Brain Cerebellum Astrocytoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 290	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 648
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300290

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebrum
Epididymis	Esophagus	Parathyroid Gland	Rete Testes
Skin	Thyroid Gland	Trachea	Urethra

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain - Cerebellum
Coagulating Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular

OBSERVATIONS

Kidney		Autolysis	Marked
	Pelvis	Hyperplasia	Mild
	Pelvis	Inflammation	Suppurative, Mild
		Nephropathy	Chronic, Mild
Preputial Gland	Duct	Dilatation	Marked
Prostate, Dorsal Lobe		Autolysis	Marked
		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Autolysis	Marked
		Inflammation	Suppurative, Marked
Spleen		Autolysis	Moderate
		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
Thymus		Atrophy	Marked
		Autolysis	Marked
Urethra			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Urinary Bladder		Autolysis	Moderate
	Transit Epithe	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 302	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 655
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300302

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Moderate
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Parathyroid Gland	Pituitary Gland		

AUTO PRECLUDES DIAG.

Eye	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Lymph Node, Mesenteric	Mammary Gland	Nose	Rete Testes
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
[Hypertrophy TGLS = 7-3]			
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Coagulating Gland		Carcinoma	Metastatic (Prostate)
Epididymis		Carcinoma	Metastatic (Prostate)
Eye			
Note: TGL # 12 - NO MICROSCOPIC CORRELATE			
Intestine Large, Cecum		Autolysis	Marked
	Serosa	Carcinoma	Metastatic (Prostate)
Intestine Large, Colon		Autolysis	Marked
	Serosa	Carcinoma	Metastatic (Prostate)
[Carcinoma TGLS = 14-9]			
Intestine Small, Duodenum		Autolysis	Marked
	Serosa	Carcinoma	Metastatic (Prostate)
Islets, Pancreatic		Carcinoma	Metastatic (Prostate)
Kidney	Pelvis	Dilatation	Marked
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
[Dilatation TGLS = 5-2]			
[Hyperplasia TGLS = 5-2]			
[Nephropathy TGLS = 5-2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300318

ORGAN AND ACCOUNTABLE SITE STATUS

Liver		Carcinoma	Metastatic (Prostate)
[Carcinoma TGLS = 6-5]			
Lung		Carcinoma	Metastatic (Prostate)
		Infiltration Cellular	Histiocyte, Mild
[Carcinoma TGLS = 15-10]			
Lym Node Mand			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lym Node Mesen			
Note: TGL # 13 - NO MICROSCOPIC CORRELATE			
Pancreas		Carcinoma	Metastatic (Prostate)
[Carcinoma TGLS = 3-5.3]			
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-6.1]			
Prostate, Dorsal Lobe		Carcinoma	
Prostate, Ventral Lobe		Carcinoma	
Seminal Vesicle		Carcinoma	Metastatic (Prostate)
Skeletal Muscle		Carcinoma	Metastatic (Prostate)
[Carcinoma TGLS = 8-13]			
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 10,11-5.1+5.2]			
Spleen		Autolysis	Mild
		Depletion Lymphoid	Marked
		Pigmentation	Marked
Testes		Autolysis	Marked
	Capsule	Carcinoma	Metastatic (Prostate)
Thymus		Atrophy	Marked
Tissue NOS	Abdominal	Carcinoma	Metastatic (Prostate)
Note: PATHOLOGIST NOTED: TGL # 4 LOCATED ON SLIDE #'S 6B(6.2),6C(6.3),6D(6.4),6E(6.5),&6F(6.6) ONLY			
[Carcinoma TGLS = 4-6.2+6.3+6.4+6.5+6.6]			
Urinary Bladder	Serosa	Carcinoma	Metastatic (Prostate)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 318	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 662
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300318

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLS = 16-2]

PRIMARY CAUSE OF DEATH - Liver Carcinoma Prostate

Animal Note: TGL # 09 - No section taken (cavity)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Cerebellum	Epididymis
Esophagus	Islets, Pancreatic	Parathyroid Gland	Preputial Gland
Prostate, Dorsal Lobe	Rete Testes	Salivary Glands	Urinary Bladder

AUTO PRECLUDES DIAG.

Bone Marrow	Coagulating Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland
Nose	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Cortex		Autolysis	Moderate
		Leukemia Mononuclear	
Adrenal Medulla		Leukemia Mononuclear	
Brain	Brain Stem	Gliosis	Mild
	Cerebrum	Hemorrhage	Mild
	Cerebrum	Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Autolysis	Marked
		Leukemia Mononuclear	
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-5]			
Lung		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
Lymph Node, Mesenteric		Autolysis	Marked
		Leukemia Mononuclear	
Pancreas		Autolysis	Moderate
	Acinar Cell	Degeneration	Mild
Pituitary Gland		Autolysis	Mild
	Pars Distalis	Hyperplasia	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 319	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300319

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Ventral Lobe		Autolysis	Mild
		Degeneration	Mild
Skin		Fibroma	
		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild
[Fibroma TGLS = 5-5.2]			
[Hyperkeratosis TGLS = 4-5.1]			
[Hyperplasia TGLS = 4-5.1]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-5]			
Testes	Seminif Tub	Degeneration	Marked
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	- Liver Leukemia Mononuclear		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Parathyroid Gland	Rete Testes	Skin	Stomach, Forestomach
Testes			

AUTO PRECLUDES DIAG.

Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Mammary Gland	Salivary Glands	Seminal Vesicle
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hypocellularity	Moderate
Brain	Brain Stem	Compression	Marked
[Compression TGLS = 3-8]			
Esophagus		Hyperkeratosis	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Autolysis	Marked
		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Autolysis	Moderate
		Inflammation	Suppurative, Moderate
Lymph Node, Mandibular		Autolysis	Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Autolysis	Mild
		Inflammation	Granulomatous, Minimal
Nose		Inflammation	Suppurative, Mild
Pancreas		Autolysis	Mild
	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 320	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 665
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300320

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-3]			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Autolysis	Moderate
		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Marked
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	
		Autolysis	Marked
[Adenoma TGLS = 2-3]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Epididymis	Heart
Islets, Pancreatic	Rete Testes		

MISSING

Parathyroid Gland	Preputial Gland		

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Coagulating Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lymph Node, Mesenteric	Mammary Gland
Nose	Prostate, Dorsal Lobe	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Brain Stem	Autolysis	Moderate
	Cerebellum	Autolysis	Moderate
	Cerebrum	Autolysis	Moderate
	Brain Stem	Compression	Mild
[Compression TGLS = 2-8]			
Esophagus		Hyperkeratosis	Mild
Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 322	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300322

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-3]		
Preputial Gl		
Note: PATHOLOGIST NOTED: MISSING AT TRIM; CARCASS CHECKED		
Prostate, Ventral Lobe	Inflammation	Suppurative, Mild
Skin	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4,5-5.3+5.2]		
Spleen	Hematopoietic Cell Proliferation	Mild
Testes	Autolysis	Marked
Note: PATHOLOGIST NOTED: NORMAL SECTION OF TESTES WAS AUTOLYSIS PRECLUDES DIAGNOSIS		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 326	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Cerebellum	Coagulating Gland	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow		Hypocellularity	Mild
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
	Cerebrum	Infiltration Cellular	Lymphocyte, Mild
[Compression TGLS = 4-8]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Lactation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Degeneration	Mild
[Degeneration TGLS = 2-6]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 328	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 670
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Liver
Lung	Parathyroid Gland	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 1-2]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-9]			
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Skin		Hemorrhage	Mild
		Inflammation	Chronic Active, Marked
[Hemorrhage TGLS = 3-5.1]			
[Inflammation TGLS = 3-5.1]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic	Liver
Lung	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Small, Jejunum

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Heart		Cardiomyopathy	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland		Atrophy	Moderate
[Atrophy TGLS = 1-6.1]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Note: TGL # 02 - No Microscopic Correlate			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 329	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 669
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300329

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Cyst	
		Hyperplasia	Mild
[Cyst TGLS = 5-3]			
[Hyperplasia TGLS = 3-3]			
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Nose	Upper Molar	Inflammation	Chronic Active, Minimal
Oral Mucosa		Osteosarcoma	
[Osteosarcoma TGLS = 6-13.1]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 342	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300342

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Minimal
Spleen	Sarcoma	
[Sarcoma TGLS = 4-5]		
Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Oral Mucosa Osteosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Pigmentation	Mild
		Vacuolization Cytoplasmic	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
[Cyst TGLS = 2-2]			
Liver		Inflammation	Chronic Active, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 1-13]			
[Infiltration Cellular TGLS = 1-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Parathyroid GI			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Degeneration	Minimal
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 343	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 674
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300343

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6-6]			
Skin		Hemorrhage	Moderate
		Inflammation	Chronic Active, Marked
		Inflammation	Suppurative, Marked
		Necrosis	Moderate
[Hemorrhage TGLS = 5-5.2]			
[Inflammation TGLS = 4-5.1]			
[Inflammation TGLS = 5-5.2]			
[Necrosis TGLS = 4-5.1]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 346	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 676
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 4-6.1]			
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 1-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Marked
Pancreas	Acinar Cell	Degeneration	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2,3-5.1+5.2]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Heart	Intestine Large, Colon
Intestine Small, Duodenum	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Small, Ileum	Intestine Small, Jejunum	

OBSERVATIONS

Coagulating Gland		Atrophy	Marked
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
		Pigmentation	Mild
Preputial Gland	Parenchym Cell	Degeneration	Marked
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 2-6.1]			
Spleen		Depletion Lymphoid	Marked
		Hematopoietic Cell Proliferation Erythrocytic	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 348	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 675
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300348

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Marked
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Coagulating Gland	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mandibular	Lymph Node, Mesenteric	Parathyroid Gland
Preputial Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adren Cortex			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Adren Medulla			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Brain	Brain Stem	Compression	Mild
	Cerebellum	Hydrocephalus	Mild
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 5-8]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 9-10]			
Mammary Gland		Lactation	Mild
Mesentery	Fat	Necrosis	Moderate
[Necrosis TGLS = 7-13]			
Nose		Foreign Body	
		Inflammation	Chronic Active, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 349	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 678
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300349

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-3]		
Prostate, Dorsal Lobe	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-6]		
Skin	Inflammation	Chronic Active, Marked
	Lipoma	
[Inflammation TGLS = 6-5.2]		
[Lipoma TGLS = 8-5.1]		
Spleen	Pigmentation	Moderate
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Islets, Pancreatic	Liver
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small, Ileum — Intestine Small, Jejunum

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
		Metaplasia	Osseous, Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 5-9]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Marked
	Duct	Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 359	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 682
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300359

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.1]			
[Dilatation TGLS = 1-6.1]			
[Inflammation TGLS = 1-6.1]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 4-5.1]			
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
		Mesothelioma Benign	
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Coagulating Gland	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla	Bilateral	Hyperplasia	Minimal
Brain	Brain Stem	Compression	Moderate
	Brain Stem	Hemorrhage	Mild
	Cerebellum	Hemorrhage	Moderate
	Cerebrum	Hemorrhage	Mild
[Compression TGLS = 3-8]			
[Hemorrhage TGLS = 3-8]			
Epididymis		Degeneration	Mild
		Hypospermia	Marked
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 6-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Moderate
[Hemorrhage TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 361	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 685
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300361

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Lymphocyte, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Degeneration	Mild
		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Moderate
		Inflammation	Suppurative, Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-5.1]			
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-7]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Heart	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum			

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Inflammation	Suppurative, Marked
		Inflammation	Chronic Active, Marked
		Necrosis	Marked
[Inflammation TGLS = 3-5.2]			
[Inflammation TGLS = 2-5.1]			
[Necrosis TGLS = 2-5.1]			
Testes	Seminif Tub	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 363	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 688
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300363

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Epididymis	Esophagus	Islets, Pancreatic
Lung	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Rete Testes	Salivary Glands	Spleen
Testes			

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Coagulating Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lymph Node, Mesenteric	Prostate, Ventral Lobe
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Liver	Bile Duct	Hyperplasia	Minimal
Lym Node Mesen			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 1-12]			
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Autolysis	Moderate
		Inflammation	Suppurative, Mild
Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Chronic Active, Moderate
[Hyperkeratosis TGLS = 2-5.1]			
[Hyperplasia TGLS = 2-5.1]			
[Inflammation TGLS = 3-5.2]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 366	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300366

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Small, Duodenum	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Salivary Glands	Skin	Urinary Bladder

MISSING

Rete Testes

AUTO PRECLUDES DIAG.

Coagulating Gland	Islets, Pancreatic	Lymph Node, Mandibular	Seminal Vesicle
Testes	Thyroid Gland	Trachea	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Bone Marrow	Erythroid Cell	Hyperplasia	Moderate
Epididymis		Polyarteritis	Moderate
Heart		Polyarteritis	Mild
Intestine Large, Cecum		Polyarteritis	Marked
Intestine Large, Colon		Polyarteritis	Moderate
Intestine Small, Ileum		Polyarteritis	Mild
Intestine Small, Jejunum		Polyarteritis	Mild
Kidney		Autolysis	Mild
		Nephropathy	Chronic, Mild
		Polyarteritis	Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Autolysis	Mild
		Polyarteritis	Marked
[Polyarteritis TGLS = 4-5]			
Lung	Artery	Mineralization	Minimal
		Polyarteritis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 368	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 689
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300368

ORGAN AND ACCOUNTABLE SITE STATUS

[Mineralization TGLS = 6-10]			
Lymph Node, Mesenteric		Polyarteritis	Marked
[Polyarteritis TGLS = 3-9]			
Pancreas		Autolysis	Marked
		Polyarteritis	Marked
[Polyarteritis TGLS = 2-13.1]			
Prostate, Dorsal Lobe		Polyarteritis	Mild
Prostate, Ventral Lobe		Inflammation	Marked
		Polyarteritis	Mild
Sem Ves			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Spleen		Autolysis	Mild
	Capsule	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Moderate
	Adventitia	Polyarteritis	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-5]			
Stomach, Forestomach		Polyarteritis	Mild
Stomach, Glandular		Polyarteritis	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Liver Polyarteritis		
Animal Note: TGL # 02 - Noted grossly as Lymph Node, Pancreatic was Pancreas			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Rete Testes	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Vacuolization Cytoplasmic	Mild
Bone Marrow	Erythroid Cell	Hyperplasia	Marked
Coagulating Gland		Atrophy	Mild
[Atrophy TGLS = 2-6.1]			
Ear		Neural Crest Tumor	
[Neural Crest Tumor TGLS = 5-13]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 6-2]			
Liver	Biliar Tract	Fibrosis	Minimal
		Hematopoietic Cell Proliferation	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Degeneration	Moderate
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 1-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 381	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 698
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300381

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Inflammation	Suppurative, Marked
	Necrosis	Mild
[Inflammation TGLS = 4-5.1]		
[Necrosis TGLS = 4-5.1]		
Spleen	Hematopoietic Cell Proliferation	Mild
	Hyperplasia	Lymphoid, Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Coagulating Gland	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum

OBSERVATIONS

Brain			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Lung	Artery	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Lactation	Mild
Pancreas		Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Preputial Gland	Parenchym Cell	Degeneration	Marked
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-5.1]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 384	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 699
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300384

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Parathyroid Gland	Pituitary Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
[Nephropathy TGLS = 3-2]			
Liver		Infiltration Cellular	Lymphocyte, Minimal
		Tension Lipidosis	Moderate
[Tension Lipidosis TGLS = 5-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
[Infiltration Cellular TGLS = 9-10.2]			
Lymph Node	Adventitia, Renal	Hemorrhage	Marked
	Renal	Pigmentation	Mild
[Hemorrhage TGLS = 4-13]			
[Pigmentation TGLS = 4-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 385	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 697
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300385

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Inflammation	Granulomatous, Mild
[Hyperplasia TGLS = 7-9]			
[Inflammation TGLS = 7-9]			
Nose		Hyperkeratosis	Mild
	Squam Epithel	Hyperplasia	Moderate
	Upper Molar	Inflammation	Chronic Active, Mild
		Ulcer	Moderate
Pancreas		Infiltration Cellular	Lymphocyte, Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 6-5.1]			
[Necrosis TGLS = 6-5.1]			
Testes	Seminif Tub	Degeneration	Mild
[Degeneration TGLS = 2-7]			
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Bone Marrow	Mammary Gland

OBSERVATIONS

Adrenal Cortex		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
Adrenal Medulla		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-3]			
Coagulating Gland		Atrophy	Moderate
Epididymis		Degeneration	Mild
Esophagus		Hyperkeratosis	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 22-5]			
Kidney		Accumulation, Hyaline Droplet	Marked
		Lymphoma Malignant	
		Nephropathy	Chronic, Marked
[Lymphoma Malignant TGLS = 21-2+2.1]			
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 11,12,13,14,15-5.2+5.3+5.1+5.4+5.5]			
Lung		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 16,17,18,19,20-10+10.1]			
Lymph Node	Axillary	Lymphoma Malignant	
	Deep Cervical	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300387

ORGAN AND ACCOUNTABLE SITE STATUS

	Mediastinal	Lymphoma Malignant	
	Popliteal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-13]			
[Lymphoma Malignant TGLS = 8-13.4]			
[Lymphoma Malignant TGLS = 7-13.3]			
[Lymphoma Malignant TGLS = 6-13.2]			
[Lymphoma Malignant TGLS = 5-13.1]			
Lymph Node, Mandibular		Lymphoma Malignant	
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 10-9.1]			
Nose	Upper Molar	Inflammation	Chronic Active, Mild
Pancreas		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 22-5]			
Pituitary Gland		Lymphoma Malignant	
Preputial Gland		Abscess	Marked
		Squamous Cell Carcinoma	
[Abscess TGLS = 1-6.2]			
[Squamous Cell Carcinoma TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Salivary Glands		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 2-12]			
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 24-6.1]			
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 23-5.6+5.7]			
Spleen		Hematopoietic Cell Proliferation	Marked
		Lymphoma Malignant	
[Hematopoietic Cell Proliferation TGLS = 9-5]			
[Lymphoma Malignant TGLS = 9-5]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 387	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300387

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Liver	Lung	Lymph Node, Mandibular	Pancreas
Preputial Gland	Salivary Glands	Trachea	

MISSING

Mammary Gland	Rete Testes	Thymus

AUTO PRECLUDES DIAG.

Blood Vessel	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Nose
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland			

OBSERVATIONS

Bone Marrow		Autolysis	Mild
		Hypocellularity	Marked
Coagulating Gland		Inflammation	Suppurative, Marked
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Autolysis	Moderate
	Cortex	Cyst	
	Pelvis	Dilatation	Mild
	Pelvis	Hyperplasia	Mild
	Pelvis	Inflammation	Suppurative, Marked
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2]			
[Dilatation TGLS = 3-2]			
[Hyperplasia TGLS = 2-2]			
[Inflammation TGLS = 2-2]			
[Mineralization TGLS = 2-2]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 388	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 702
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300388

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Mild
Prostate, Dorsal Lobe		Autolysis	Marked
		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Autolysis	Marked
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 7-6]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5,6-5.1+5.2]			
Spleen		Autolysis	Moderate
		Pigmentation	Marked
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Urinary Bladder		Autolysis	Moderate
		Dilatation	Marked
		Hemorrhage	Moderate
[Dilatation TGLS = 1-2]			
[Hemorrhage TGLS = 1-2]			
PRIMARY CAUSE OF DEATH	- Kidney Pelvis Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 703
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Mammary Gland	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Eye	Cornea	Degeneration	Marked
	Antr Chamber	Hemorrhage	Marked
	Antr Chamber	Inflammation	Suppurative, Marked
	Cornea	Inflammation	Suppurative, Marked
	Cornea	Ulcer	Marked
[Degeneration TGLS = 3-13]			
[Hemorrhage TGLS = 3-13]			
[Inflammation TGLS = 3-13]			
[Inflammation TGLS = 3-13]			
[Ulcer TGLS = 3-13]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4,5-10.1]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Nose		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 391	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 703
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300391

ORGAN AND ACCOUNTABLE SITE STATUS

		Squamous Cell Carcinoma	
Pancreas	Acinar Cell	Degeneration	Moderate
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
[Degeneration TGLS = 1-6.1]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Rete Testes		Dilatation	Minimal
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Nose Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Harderian Gland	Nose	Parathyroid Gland	Preputial Gland
Rete Testes	Salivary Glands	Stomach, Forestomach	

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Coagulating Gland	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mesenteric	Mammary Gland	Pancreas	Seminal Vesicle
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adren Cortex			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Adren Medulla			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Heart		Bacterium	Marked
		Inflammation	Suppurative, Marked
	Myocardium	Necrosis	Marked
		Thrombosis	Marked
Kidney		Autolysis	Moderate
	Cortex	Cyst	
	Pelvis	Hyperplasia	Mild
[Cyst TGLS = 10-2]			
Lung		Autolysis	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Mild
[Metaplasia TGLS = 9-10]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 5-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 396	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 705
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300396

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-12]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Prostate, Dorsal Lobe		Autolysis	Mild
		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Autolysis	Mild
		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 3,4-5.2+5.3]			
[Necrosis TGLS = 3-5.2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 8-5.1]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gl			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH	-
CONTRIBUTORY CAUSE OF DEATH	- Heart Bacterium;Heart Inflammation;Heart Myocardium Necrosis;Heart Thrombosis

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Nose
Parathyroid Gland	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node, Mesenteric

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 4-6.2]			
Islets, Pancreatic		Adenoma	
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver		Necrosis	Minimal
Lung	Artery	Mineralization	Minimal
[Mineralization TGLS = 7-10]			
Lym Node Mesen			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 400	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300400

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-6.1]			
Prostate, Ventral Lobe		Degeneration	Mild
		Hyperplasia	Mild
Seminal Vesicle		Atrophy	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-5.1]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Preputial Gland Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300401

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adren Medulla			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Coagulating Gland		Infiltration Cellular	Lymphocyte, Mild
Epididymis		Degeneration	Moderate
		Hypospermia	Marked
[Degeneration TGLS = 8-6.1]			
[Hypospermia TGLS = 8-6.1]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 4-5]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 401	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 711
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300401

ORGAN AND ACCOUNTABLE SITE STATUS

	Bile Duct	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
		Inflammation	Chronic, Moderate
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Rete Testes		Dilatation	Mild
Spleen		Pigmentation	Moderate
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Testes	Seminif Tub	Degeneration	Marked
		Polyarteritis	Mild
[Degeneration TGLS = 2-7]			
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			

PRIMARY CAUSE OF DEATH - Islets, Pancreatic Carcinoma

Animal Note: TGL # 04 - Noted grossly as Lymph Node, Pancreatic was Islets Pancreas

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300407

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Mammary Gland
Nose	Parathyroid Gland	Prostate	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Prostate, Dorsal Lobe	Thymus

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Renal Tubule	Dilatation	Minimal
		Nephropathy	Chronic, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Hemorrhage	Moderate
[Degeneration TGLS = 2,3-13+13.1]			
[Hemorrhage TGLS = 2,3-13+13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-5.1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
Thymus			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 407	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300407

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: TGL # 02 - Noted grossly as Tissue NOS was Lymph Node, Lumbar

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 710
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300408

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Prostate, Dorsal Lobe

OBSERVATIONS

Bone Marrow	Erythroid Cell	Hyperplasia	Moderate
	Myeloid Cell	Hyperplasia	Mild
Epididymis		Degeneration	Mild
		Hypospermia	Marked
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-12]			
Liver		Basophilic Focus	
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node	Pancreatic	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 7-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Marked
		Infiltration Cellular	Plasma Cell, Marked
Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 8-13.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 408	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 710
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300408

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.1]			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Mild
[Inflammation TGLS = 3-6.1]			
Prostate, Ventral Lobe		Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Rete Testes		Fibrosis	Moderate
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 9-6.1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 6-7]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300409

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Mammary Gland
Nose	Parathyroid Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Angiectasis	Mild
Adrenal Medulla		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.1]			
[Inflammation TGLS = 1-6.1]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5.1]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 409	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300409

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- UNCERTAIN		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 410	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 713
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300410

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Epididymis	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Prostate, Dorsal Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Mild
		Metaplasia	Osseous, Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Ventral Lobe		Degeneration	Mild
		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-5.1]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300419

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Lymph Node, Mesenteric	Pancreas	Parathyroid Gland
Pituitary Gland	Rete Testes	Salivary Glands	Skin
Stomach, Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Preputial Gland

AUTO PRECLUDES DIAG.

Intestine Small, Ileum	Intestine Small, Jejunum	Stomach, Glandular	

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Esophagus		Dilatation	Marked
Eye		Cataract	Moderate
		Inflammation	Suppurative, Marked
	Adventitia	Squamous Cell Carcinoma	
[Inflammation TGLS = 7-13]			
[Squamous Cell Carcinoma TGLS = 7-13]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 1-2]			
Liver	Biliar Tract	Fibrosis	Minimal
		Necrosis	Minimal
[Fibrosis TGLS = 4-5]			
[Necrosis TGLS = 4-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Minimal
[Infiltration Cellular TGLS = 5-10]			
[Mineralization TGLS = 5-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 419	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 712
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300419

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
Mammary Gland		Degeneration	Mild
Nose		Squamous Cell Carcinoma	
Prostate, Dorsal Lobe		Degeneration	Minimal
		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 3-6.1]			
Skin			
Note: TGL # 06 - N0 SECTION TAKEN			
Spleen		Depletion Lymphoid	Marked
		Pigmentation	Mild
[Depletion Lymphoid TGLS = 2-5]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Nose Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300430

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lymph Node, Mesenteric	Pancreas
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hypertrophy	Mild
Adrenal Medulla		Hyperplasia	Mild
Brain	Brain Stem	Compression	Mild
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 2-8]			
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 4-2.1]			
Lung		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			
Mammary Gland		Degeneration	Moderate
Nose		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 430	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 722
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300430

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-3]		
Preputial Gland	Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Hyperplasia	Minimal
Thyroid Gland	Cyst	Squamous

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300434

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Epididymis		Degeneration	Moderate
		Hypospermia	Marked
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
		Vacuolization Cytoplasmic	Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
Mammary Gland	Duct	Dilatation	Marked
		Galactocele	Marked
	Alveolus	Hyperplasia	Moderate
		Inflammation	Chronic, Marked
[Dilatation TGLS = 1,3,7-5.1+5.2+5.4]			
[Galactocele TGLS = 7-5.4]			
[Hyperplasia TGLS = 7-5.4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 434	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 721
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300434

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 7-5.4]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Suppurative, Marked
[Dilatation TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Rete Testes		Dilatation	Moderate
Skin		Inflammation	Suppurative, Marked
Note: TGL # 01 & 07 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 6-5.3]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
	Interstit Cell	Hyperplasia	Mild
Thymus		Atrophy	Moderate
Trachea		Cyst	Squamous
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300436

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Parathyroid Gland	Rete Testes
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Small, Ileum	Intestine Small, Jejunum	Seminal Vesicle

OBSERVATIONS

Brain	Brain Stem	Autolysis	Mild
	Cerebellum	Autolysis	Mild
	Cerebrum	Autolysis	Mild
	Brain Stem	Compression	Mild
	Cerebellum	Hydrocephalus	Minimal
	Cerebrum	Hydrocephalus	Minimal
[Compression TGLS = 5-8]			
Coagulating Gland		Autolysis	Mild
		Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Liver		Angiectasis	Mild
		Autolysis	Mild
Lung		Autolysis	Mild
	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 436	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 724
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300436

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Nose		Autolysis	Mild
	Upper Molar	Inflammation	Chronic Active, Mild
Pancreas		Autolysis	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-6]			
Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-5.1]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Marked
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300438

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Colon
Intestine Small, Duodenum	Parathyroid Gland	Rete Testes	Salivary Glands
Stomach, Forestomach	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Coagulating Gland	Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Lymph Node, Mesenteric	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Seminal Vesicle	Stomach, Glandular	

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
	Brain Stem	Hemorrhage	Minimal
[Hemorrhage TGLS = 4-8]			
Coagulat Gl			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Autolysis	Moderate
Nose		Autolysis	Moderate
	Squam Epithel	Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
Pancreas		Autolysis	Moderate
	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland		Inflammation	Suppurative, Moderate
Skin		Inflammation	Chronic Active, Moderate
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
[Inflammation TGLS = 5,6-5.1+5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 438	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300438

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Autolysis	Moderate
		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300441

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Harderian Gland
Heart	Intestine Large, Rectum	Islets, Pancreatic	Kidney
Liver	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Rete Testes	Salivary Glands	Skin	Stomach, Forestomach
Trachea	Urethra	Urinary Bladder	

MISSING

Prostate, Ventral Lobe

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Stomach, Glandular		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Mild
Bone Marrow		Hypocellularity	Mild
Coagulating Gland		Inflammation	Suppurative, Marked
Esophagus		Hyperkeratosis	Moderate
Eye		Inflammation	Suppurative, Moderate
Lung	Artery	Mineralization	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
Seminal Vesicle		Atrophy	Moderate
Skeletal Muscle		Cyst	
[Cyst TGLS = 1-13]			
Spleen		Depletion Lymphoid	Moderate
		Pigmentation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 441	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 727
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300441

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Minimal
Thyroid Gland		Cyst	Squamous
Urethra			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: TGL # 02 - Noted grossly as Prostate was Urethra, Bulbourethral Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300446

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Rete Testes	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex	Adenoma	
	Degeneration	Cystic, Mild
Epididymis	Degeneration	Minimal
Esophagus	Hyperkeratosis	Mild
Intestine Large, Colon	Hyperplasia	Lymphoid, Moderate
Islets, Pancreatic	Adenoma	
	Hyperplasia	Minimal
Note: PATHOLOGIST NOTED: ADENOMA LOCATED ON SLIDE # 9		
Kidney	Nephropathy	Chronic, Mild
Lacrimal Gland	Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]		
Liver	Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular	Hyperplasia	Lymphoid, Mild
	Infiltration Cellular	Plasma Cell, Moderate
[Hyperplasia TGLS = 1-12]		
[Infiltration Cellular TGLS = 1-12]		
Lymph Node, Mesenteric	Degeneration	Cystic, Marked
[Degeneration TGLS = 4-9.1]		
Nose	Inflammation	Suppurative, Marked
	Squamous Cell Carcinoma	
[Inflammation TGLS = 5-11]		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 446	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300446

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Carcinoma TGLS = 5-11]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Seminal Vesicle		Atrophy	Mild
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 3-5.1]			
[Necrosis TGLS = 3-5.1]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Nose Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300447

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebrum	Coagulating Gland	Epididymis	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric	Nose
Pancreas	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Minimal
	Cerebellum	Hemorrhage	Marked
[Compression TGLS = 4-8]			
Esophagus		Hyperkeratosis	Minimal
Eye	Retina	Atrophy	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphocyte, Minimal
Liver		Vacuolization Cytoplasmic	Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 1-12]			
Mammary Gland		Lactation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland		Abscess	Marked
	Duct	Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 447	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 729
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300447

ORGAN AND ACCOUNTABLE SITE STATUS

[Abscess TGLS = 2-6.2]		
[Dilatation TGLS = 2-6.2]		
Prostate, Dorsal Lobe	Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe	Hyperplasia	Mild
Skin	Abscess	Marked
	Inflammation	Suppurative, Marked
	Necrosis	Marked
[Abscess TGLS = 5-5.1]		
[Inflammation TGLS = 5-5.1]		
[Necrosis TGLS = 5-5.1]		
Spleen	Hyperplasia	Lymphoid, Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300448

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Epididymis	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric	Pancreas
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Skin	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Angiectasis	Mild
Brain	Brain Stem	Compression	Moderate
	Cerebellum	Hydrocephalus	Mild
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 3-8]			
Coagulating Gland		Atrophy	Mild
Esophagus		Hyperkeratosis	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Fatty Change	Mild
	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland	Duct	Dilatation	Moderate
Nose	Upper Molar	Inflammation	Chronic Active, Mild
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 448	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300448

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Seminal Vesicle		Atrophy	Mild
Spleen		Pigmentation	Marked
Stomach, Forestomach	Submucosa	Edema	Moderate
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300449

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Epididymis	Harderian Gland	Heart	Islets, Pancreatic
Parathyroid Gland	Rete Testes	Salivary Glands	Testes
Thyroid Gland	Trachea		

MISSING

Lymph Node, Mesenteric

AUTO PRECLUDES DIAG.

Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Nose
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Urinary Bladder

INSUFFICIENT TISSUE

Prostate, Ventral Lobe

OBSERVATIONS

Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Cerebrum	Hydrocephalus	Minimal
Esophagus		Hyperkeratosis	Minimal
Kidney		Autolysis	Moderate
		Nephropathy	Chronic, Minimal
Liver		Autolysis	Mild
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 449	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 731
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300449

ORGAN AND ACCOUNTABLE SITE STATUS

Sem Ves		
Note: TGL # 04 - NO MICROSCOPIC CORRELATE		
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-5.1]		
Spleen	Autolysis	Mild
	Pigmentation	Marked
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 457	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300457

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Nose
Parathyroid Gland	Rete Testes	Testes	

MISSING

Prostate, Ventral Lobe

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Pituitary Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Islets, Pancreatic		Adenoma	
Pancreas		Autolysis	Mild
	Acinar Cell	Degeneration	Mild
Preputial Gland		Autolysis	Moderate
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Autolysis	Moderate
		Inflammation	Suppurative, Moderate
Skin		Angiectasis	Moderate
		Inflammation	Suppurative, Moderate
[Angiectasis TGLS = 1-5.1]			
[Inflammation TGLS = 1-5.1]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300458

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Epididymis	Esophagus	Harderian Gland
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Trachea			

MISSING

Rete Testes

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Coagulating Gland
Ductus Deferens	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node, Mesenteric	Pituitary Gland	Prostate, Ventral Lobe	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Urinary Bladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Coagulat Gl			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Ductus Deferen			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Autolysis	Mild
		Degeneration	Cystic, Minimal
Lymph Node, Mandibular		Autolysis	Moderate
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Pancreas		Autolysis	Mild
	Acinar Cell	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 458	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 730
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300458

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Autolysis	Moderate
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Adenocarcinoma	
		Inflammation	Suppurative, Moderate
Seminal Vesicle		Adenocarcinoma	Metastatic (Prostate)
		Autolysis	Marked
[Adenocarcinoma TGLS = 4-6.1]			
Skin		Autolysis	Moderate
		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild
[Hyperkeratosis TGLS = 3-5.1]			
[Hyperplasia TGLS = 3-5.1]			
Spleen		Autolysis	Moderate
		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Prostate, Dorsal Lobe Adenocarcinoma

Animal Note: TGL # 06 - Noted grossly as Tissue NOS was Ductus Deferens

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300459

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Heart	Islets, Pancreatic	Pancreas
Parathyroid Gland	Pituitary Gland	Rete Testes	Salivary Glands
Stomach, Forestomach	Testes		

AUTO PRECLUDES DIAG.

Coagulating Gland	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mesenteric	Nose	Prostate, Dorsal Lobe
Seminal Vesicle	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Adenoma	
Harderian Gland	Epithelium	Hyperplasia	Minimal
Kidney		Autolysis	Marked
	Cortex	Cyst	
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Autolysis	Moderate
		Degeneration	Cystic, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Preputial Gland		Abscess	Marked
[Abscess TGLS = 7-6.2]			
Prostate, Ventral Lobe		Autolysis	Moderate
		Hyperplasia	Mild
Skin		Cyst Epithelial Inclusion	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 459	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 734
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300459

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Marked
		Inflammation	Chronic Active, Mild
		Sarcoma	
[Cyst Epithelial Inclusion TGLS = 6-5.4]			
[Inflammation TGLS = 5-5.3]			
[Inflammation TGLS = 4-5.2]			
[Sarcoma TGLS = 2-5.1]			
Spleen		Autolysis	Mild
		Pigmentation	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Skin Sarcoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300460

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 4-6.1]			
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Degeneration	Cystic, Mild
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Moderate
Spleen		Pigmentation	Mild
Testes	Interstit Cell	Hyperplasia	Moderate
[Hyperplasia TGLS = 1-13.1]			
Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 460	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300460

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 461	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300461

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lung
Nose	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.3]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300462

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Focal, Minimal
Coagulating Gland		Concretion	
[Concretion TGLS = 7-6.1]			
Intestine Small, Ileum		Adenocarcinoma	
[Adenocarcinoma TGLS = 5,6-9.2+9.3]			
Intestine Small, Jejunum		Adenocarcinoma	
[Adenocarcinoma TGLS = 5,6-9.2+9.3]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver		Degeneration	Cystic, Minimal
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 1-5.2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 3-13]			
[Hyperplasia TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 462	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300462

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-5.3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 05 & # 06 - Noted grossly as Intestine Large were Intestine Small

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300463

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular	Lymph Node, Mesenteric
Nose	Pancreas	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Pituitary Gland

OBSERVATIONS

Adrenal Cortex	Bilateral	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Adrenal Medulla		Hyperplasia	Minimal
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Marked
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 5-13]			
Liver		Basophilic Focus	Multiple
		Clear Cell Focus	Multiple
		Degeneration	Cystic, Mild
		Eosinophilic Focus	
		Hemorrhage	Moderate
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
[Basophilic Focus TGLS = 1,2,7-5+5.2+5.3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 463	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300463

ORGAN AND ACCOUNTABLE SITE STATUS

[Clear Cell Focus TGLS = 2,7-5.2+5.3]			
[Degeneration TGLS = 1,2-5+5.2]			
[Eosinophilic Focus TGLS = 1-5]			
[Hemorrhage TGLS = 7-5.3]			
[Hyperplasia TGLS = 1,2-5+5.2]			
[Vacuolization Cytoplasmic TGLS = 1-5]			
Lung	Artery	Mineralization	Minimal
Mammary Gland		Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
Skin		Fibroma	
[Fibroma TGLS = 6-5.4]			
Spleen		Pigmentation	Mild
Stom Gland			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300464

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Epididymis	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 8-6.1]			
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
[Cyst TGLS = 2-2]			
Liver		Inflammation	Chronic Active, Minimal
Lung	Artery	Mineralization	Mild
Lymph Node	Inguinal	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 7-5.4]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Note: TGL # 07 - NOTED GROSSLY AS MAMMARY GLAND WAS LYMPH NODE, INGUINAL			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 464	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300464

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Degeneration	Mild
		Inflammation	Suppurative, Marked
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4,5-5.2+5.3]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 11-8]			
Coagulating Gland		Atrophy	Moderate
Epididymis		Degeneration	Moderate
		Hypospermia	Marked
[Degeneration TGLS = 5-6.2]			
[Hypospermia TGLS = 5-6.2]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Moderate
		Vacuolization Cytoplasmic	Moderate
[Degeneration TGLS = 8-5]			
[Hyperplasia TGLS = 8-5]			
[Necrosis TGLS = 8-5]			
[Vacuolization Cytoplasmic TGLS = 8-5]			
Lung		Chondrosarcoma	Metastatic (Uncertain Primary Site)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 465	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 735
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300465

ORGAN AND ACCOUNTABLE SITE STATUS

[Chondrosarcoma TGLS = 12,13,14-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
[Degeneration TGLS = 9-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland	Duct	Dilatation	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Preputial Gland		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
[Inflammation TGLS = 6-6]			
Prostate, Ventral Lobe		Degeneration	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 6-6]			
[Inflammation TGLS = 6-6]			
Seminal Vesicle		Atrophy	Moderate
[Atrophy TGLS = 7-6.1]			
Skin			
Note: PATHOLOGIST NOTED: TERM CHONDROSARCOMA FOR SKIN,SUBCUTANEOUS WAS NOT AVAILABLE; CODED UNDER TISSUE NOS			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS TISSUE NOS			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3,4-13]			
Thymus		Atrophy	Marked
Tissue NOS		Chondrosarcoma	
[Chondrosarcoma TGLS = 1-5.2+5.3+5.4]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300466

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Hyperplasia	Lymphoid, Mild
[Degeneration TGLS = 3-13]			
[Hyperplasia TGLS = 3-13]			
Mammary Gland	Alveolus	Hyperplasia	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.2]			
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 466	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300466

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 4-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300467

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 3-6.1]			
Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-9.2]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland	Alveolus	Hyperplasia	Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 467	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300467

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Keratin Cyst	
[Keratin Cyst TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Stom Gland			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300468

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Mild
Coagulating Gland		Atrophy	Mild
[Atrophy TGLS = 4-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Mild
		Pigmentation	Minimal
[Metaplasia TGLS = 3-10]			
[Mineralization TGLS = 3-10]			
[Pigmentation TGLS = 3-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-12]			
Mammary Gland	Alveolus	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 468	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300468

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300469

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate, Dorsal Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small, Jejunum

OBSERVATIONS

Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 4-6.1]			
Harderian Gland		Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Renal Tubule	Inflammation	Suppurative, Mild
		Nephropathy	Chronic, Marked
[Cyst TGLS = 3-2]			
[Inflammation TGLS = 2-2.1]			
[Nephropathy TGLS = 2-2.1]			
Liver	Adventitia	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-5]			
Lung	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 469	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300469

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate, Ventral Lobe	Interstitium	Fibrosis	Minimal
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
		Seminoma Benign	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Nose	Pancreas	Parathyroid Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
Adrenal Medulla		Hyperplasia	Minimal
Epididymis		Hypospermia	Marked
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 6-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Basophilic Focus	
		Developmental Malformation	
[Developmental Malformation TGLS = 2-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Mast Cell, Mild
Mammary Gland		Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Skin		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 470	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300470

ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis	Hyperplasia	Mild
		Inflammation	Chronic Active, Moderate
[Hyperkeratosis TGLS = 4-5.3]			
[Hyperplasia TGLS = 4-5.3]			
[Inflammation TGLS = 3-5.2]			
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 5-13.1]			
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300471

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Pancreas
Salivary Glands	Seminal Vesicle	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Cortex		Angiectasis	Mild
Adrenal Medulla		Hyperplasia	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 6-6.1]			
Eye	Retina	Atrophy	Mild
Kidney	Pelvis	Hyperplasia	Minimal
		Nephropathy	Chronic, Minimal
Liver		Vacuolization Cytoplasmic	Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Mild
Mammary Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 2-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 471	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300471

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
Skin		Inflammation	Pyogranulomat, Marked
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-5.2]			
[Inflammation TGLS = 3-13.1]			
Spleen		Pigmentation	Mild
Stomach, Forestomach		Cyst	Squamous
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 03 - Noted grossly as Lymph Node, Lumbar was Skin
Animal Note: TGL # 02 - Noted grossly as Lymph Node, Deep Cervical was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300472

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Preputial Gland	Rete Testes	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex	Capsule	Fibrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
[Fibrosis TGLS = 2-3]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 8-2]			
Liver		Angiectasis	Mild
		Basophilic Focus	
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 6,7-5]			
[Basophilic Focus TGLS = 6,7-5]			
[Fibrosis TGLS = 6,7-5]			
[Hyperplasia TGLS = 6,7-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
[Degeneration TGLS = 4-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 472	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300472

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gl			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 3-6.1]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 9-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300473

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Adenoma	
Coagulating Gland		Atrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
[Fibrosis TGLS = 1,2-5]			
[Hyperplasia TGLS = 1,2-5]			
[Vacuolization Cytoplasmic TGLS = 1,2-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 7,8-10+10.1]			
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13]			
[Hyperplasia TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 473	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300473

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Inflammation	Suppurative, Marked
		Necrosis	Moderate
[Inflammation TGLS = 4,5-5.2+5.3]			
[Necrosis TGLS = 5-5.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300474

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla	Bilateral	Hyperplasia	Minimal
Coagulating Gland		Atrophy	Mild
Epididymis		Hypospermia	Marked
Kidney		Fibrosis	Minimal
		Nephropathy	Chronic, Mild
[Fibrosis TGLS = 1-2]			
[Nephropathy TGLS = 1-2]			
Liver		Eosinophilic Focus	Multiple
		Vacuolization Cytoplasmic	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 474	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300474

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300475

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 5-6.1]			
Epididymis		Hypospermia	Marked
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 7-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13.1]			
Liver		Degeneration	Cystic, Mild
	Biliar Tract	Fibrosis	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 03 - NO SECTION TAKEN			
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 8-13]			
[Hyperplasia TGLS = 8-13]			
[Infiltration Cellular TGLS = 8-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 475	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300475

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-6]			
Prostate, Ventral Lobe		Degeneration	Moderate
		Infiltration Cellular	Lymphocyte, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 10-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
		Polyarteritis	Mild
[Degeneration TGLS = 4-13.2]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Mammary Gland	Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Heart	Endocardium	Inflammation	Chronic Active, Mild
		Thrombosis	
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Mild
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 1-5.2]			
[Fibrosis TGLS = 1-5.2]			
[Hyperplasia TGLS = 1-5.2]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic Active, Marked
		Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 476	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300476

ORGAN AND ACCOUNTABLE SITE STATUS

		Sarcoma	
[Inflammation TGLS = 3-5.3]			
[Necrosis TGLS = 3-5.3]			
[Sarcoma TGLS = 2-13]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 02 - Noted grossly as Lymph Node, Lumbar was Skin

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300477

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric
Nose	Pancreas	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 1-12]			
Mammary Gland		Degeneration	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
	Duct	Dilatation	Moderate
		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 477	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300477

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300478

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Coagulating Gland	Epididymis	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Jejunum
Lung	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Adrenal Medulla

OBSERVATIONS

Adrenal Cortex		Atrophy	Marked
[Atrophy TGLS = 2-3]			
Brain	Cerebrum, Meninges	Fibrosis	Mild
Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-9.2]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Fibrosis	Minimal
		Nephropathy	Chronic, Mild
[Fibrosis TGLS = 4-2]			
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Moderate
Skeletal Muscle		Fibrosis	Marked
[Fibrosis TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 478	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300478

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Moderate
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300479

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Adrenal Medulla		Pheochromocytoma Benign	
Epididymis		Polyarteritis	Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Capsule	Fatty Change	
		Nephropathy	Chronic, Mild
[Fatty Change TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Inflammation	Granulomatous, Mild
Pituitary Gl			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Hyperkeratosis	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 479	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300479

ORGAN AND ACCOUNTABLE SITE STATUS

	Epidermis	Hyperplasia	Mild
[Hyperkeratosis TGLS = 1-5.2]			
[Hyperplasia TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300480

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Stomach, Glandular

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Intestine Large, Colon		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-9.2]			
Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-9.3]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Liver		Angiectasis	Mild
	Biliar Tract	Fibrosis	Minimal
[Angiectasis TGLS = 2,3-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 480	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300480

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300502

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 2-2]			
[Fatty Change TGLS = 2-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland	Duct	Dilatation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 502	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300502

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300503

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Coagulating Gland	Epididymis	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Bone Marrow		Lymphoma Malignant	
Brain	Cerebrum	Developmental Malformation	
Eye		Lymphoma Malignant	
Harderian Gland		Lymphoma Malignant	
Heart		Cardiomyopathy	Minimal
Kidney		Accumulation, Hyaline Droplet	Marked
		Lymphoma Malignant	
		Nephropathy	Chronic, Marked
[Accumulation, Hyaline Droplet TGLS = 5-2]			
[Lymphoma Malignant TGLS = 5-2]			
[Nephropathy TGLS = 5-2]			
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Lymph Node, Mandibular		Lymphoma Malignant	
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Lymphoma Malignant	
[Degeneration TGLS = 4-13.1]			
[Lymphoma Malignant TGLS = 4-13.1]			
Mammary Gland	Alveolus	Hyperplasia	Mild
Nose		Lymphoma Malignant	
Pancreas	Acinar Cell	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 503	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300503

ORGAN AND ACCOUNTABLE SITE STATUS

		Lymphoma Malignant	
Note: PATHOLOGIST NOTED: ALSO LOCATED ON SLIDE # 9R			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Marked
		Lymphoma Malignant	
[Inflammation TGLS = 3-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
		Inflammation	Suppurative, Moderate
Skin		Inflammation	Chronic, Mild
[Inflammation TGLS = 1,2-5.2+13]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 6-5]			
Thymus		Lymphoma Malignant	
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 02 - Noted grossly as Bone was Skin
Animal Note: TGL # 04 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300504

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Marked
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 3-6.1]			
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver		Degeneration	Cystic, Minimal
	Biliar Tract	Fibrosis	Minimal
		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Note: TGL # 07 - NO SECTION TAKEN			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
[Hepatocellular Adenoma TGLS = 10-5.3]			
Lung		Infiltration Cellular	Histiocyte, Mild
		Metaplasia	Osseous, Mild
[Infiltration Cellular TGLS = 9-10]			
[Metaplasia TGLS = 9-10]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 504	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300504

ORGAN AND ACCOUNTABLE SITE STATUS

	Popliteal	Hyperplasia	Lymphoid, Moderate
	Popliteal	Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 2-13.1]			
[Hyperplasia TGLS = 5-13.2]			
[Infiltration Cellular TGLS = 5-13.2]			
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Fibrosis	Marked
		Hemorrhage	Mild
		Inflammation	Chronic Active, Marked
[Fibrosis TGLS = 8-5.2]			
[Hemorrhage TGLS = 8-5.2]			
[Inflammation TGLS = 8-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Zymbal's Gland		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-13]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 505	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300505

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300506

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Jejunum	Lymph Node, Mandibular	Mammary Gland	Nose
Pancreas	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Int Sm Jejunum			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-9.1]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver		Developmental Malformation	
[Developmental Malformation TGLS = 2-5.2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 4-13]			
[Hyperplasia TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 506	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300506

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Degeneration	Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300507

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Rete Testes	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Bone Marrow		Hypocellularity	Moderate
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 4-8]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Pelvis	Hyperplasia	Mild
	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 2-12]			
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland	Parenchym Cell	Degeneration	Marked
	Duct	Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 507	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300507

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.2]			
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Degeneration	Mild
		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
Salivary Glands		Mineralization	Mild
Skin		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 5,6-5+5.2]			
[Hyperplasia TGLS = 5,6-5+5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Moderate
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 508	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300508

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mandibular	Pituitary Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Eosinophilic Focus	
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Nose		Inflammation	Chronic Active, Mild
Pancreas		Basophilic Focus	
	Acinar Cell	Degeneration	Mild
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300509

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic	Liver
Lymph Node, Mandibular	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-9]			
Intestine Large, Colon		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-9.3]			
Intestine Small, Jejunum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-9.2]			
Kidney		Nephropathy	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 509	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300509

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300510

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular	Nose
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pancreas		Infiltration Cellular	Lymphocyte, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 510	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300510

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 511	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300511

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Minimal
		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-12]			
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 512	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300512

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mandibular	Mammary Gland	Nose	Parathyroid Gland
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Marked
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Lung		Metaplasia	Osseous, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1,2-5.2+5.3]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
Eye	Retina	Atrophy	Mild
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Note: TGL # 03 - NO MICROSCOPIC CORRELATE [Cyst TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocytic, Minimal
		Metaplasia	Osseous, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 513	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300513

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Moderate
Thymus		Atrophy	Marked
[Atrophy TGLS = 4-1]			
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lung
Lymph Node, Mandibular	Nose	Parathyroid Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-9]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 3-6.2]			
[Inflammation TGLS = 3-6.2]			
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 514	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300514

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 4-13.1]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Nose	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13.1]			
Liver		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland	Bilateral	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Marked
		Infiltration Cellular	Lymphocyte, Mild
[Degeneration TGLS = 2-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 515	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300515

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Marked
Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 5-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 7-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Pancreas	Pituitary Gland	Preputial Gland
Rete Testes	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Epididymis		Degeneration	Minimal
Kidney		Nephropathy	Chronic, Marked
Liver		Vacuolization Cytoplasmic	Mild
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Note: TGL # 03 - NO SECTION TAKEN			
Lung	Alveolar Epith	Hyperplasia	Minimal
	Artery	Mineralization	Mild
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Degeneration	Moderate
Seminal Vesicle		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 516	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300516

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300517

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	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
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla	Bilateral	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
		Mineralization	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lung	Artery	Mineralization	Mild
Lymph Node, Mandibular		Degeneration	Cystic, Minimal
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
[Degeneration TGLS = 5-13]			
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
		Inflammation	Chronic Active, Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 4-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Degeneration	Mild
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 517	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300517

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Ventral Lobe		Hyperplasia	Mild
Skin		Cyst Epithelial Inclusion	
		Inflammation	Suppurative, Marked
[Cyst Epithelial Inclusion TGLS = 1-5.1]			
[Inflammation TGLS = 2-5.2]			
Spleen		Accessory Spleen	
[Accessory Spleen TGLS = 6-5]			
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3-7]			
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 05 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300518

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Small, Ileum

OBSERVATIONS

Brain	Cerebrum	Hydrocephalus	Mild
[Hydrocephalus TGLS = 6-8]			
Epididymis		Hypospermia	Marked
		Infiltration Cellular	Lymphocyte, Minimal
[Hypospermia TGLS = 2-6.3]			
Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
Heart		Cardiomyopathy	Minimal
Intestine Small, Jejunum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4,5-9.2+9.3]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Eosinophilic Focus	
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Edema	Moderate
		Hemorrhage	Moderate
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 8-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 518	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300518

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Granulomatous, Minimal
[Inflammation TGLS = 7-13]			
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pituitary Gland	Pars Intermed	Cyst	Multiple
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 3-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-13.1]			
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 05 - Noted grossly as Int Lg was Int Sm Jejunum

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300519

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Harderian Gland	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		Vacuolization Cytoplasmic	Mild
Epididymis		Degeneration	Mild
		Hypospermia	Marked
		Infiltration Cellular	Lymphocyte, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 2-12]			
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 519	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300519

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Rete Testes		Dilatation	Moderate
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-13]			
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300520

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Cyst	
Coagulating Gland		Atrophy	Mild
Epididymis		Hypospermia	Marked
		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver		Basophilic Focus	
		Eosinophilic Focus	
Note: TGL # 03 - NO SECTION TAKEN			
Lung		Hemorrhage	Marked
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 520	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300520

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large, Colon		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 4-9]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1,3-2]			
Liver		Degeneration	Cystic, Mild
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Nose		Cyst	
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 521	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300521

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5.2]		
Spleen	Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Coagulating Gland		Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 8-10]			
Lymph Node		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Mild
		Pigmentation	Mild
[Hemorrhage TGLS = 6-13.2]			
[Pigmentation TGLS = 6-13.2]			
Mammary Gland	Alveolus	Hyperplasia	Minimal
Mesentery	Fat	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 522	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300522

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 06 - NOTED GROSSLY AS MESENTERY WAS LYMPH NODE, MESENTERIC			
[Inflammation TGLS = 5-13.1]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Carcinoma	Metastatic (Urinary Bladder)
Prostate, Ventral Lobe		Carcinoma	Metastatic (Urinary Bladder)
		Degeneration	Mild
Skin		Inflammation	Chronic Active, Marked
		Necrosis	Moderate
[Inflammation TGLS = 1,2-5.2+5.3]			
[Necrosis TGLS = 1,2-5.2+5.3]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Urinary Bladder	Transit Epithe	Carcinoma	
[Carcinoma TGLS = 7-2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland
Nose	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Cerebrum	Hydrocephalus	Minimal
[Hydrocephalus TGLS = 7-8]			
Coagulat Gl			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Int Sm Duoden			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 523	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300523

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.2]			
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Marked
Thyroid Gl			
Note: TGL # 04 - NOTED GROSSLY AS THYROID GLAND WAS PARATHYROID GLAND			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300524

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lymph Node, Mandibular	Nose
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 5-9]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 524	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300524

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 525	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 736
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300525

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland	Duct	Dilatation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 2-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300526

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Adrenal Cortex	Adrenal Medulla

OBSERVATIONS

Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 3-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Minimal
	Renal Tubule	Inflammation	Suppurative, Mild
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver		Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 5-5]			
Lymph Node, Mesenteric		Degeneration	Cystic, Minimal
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1,2-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 526	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300526

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 1,2-6.2]			
[Inflammation TGLS = 1,2-6.2]			
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300541

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver		Angiectasis	Mild
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 1-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Degeneration	Mild
		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 541	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300541

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 561	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Epididymis		Degeneration	Marked
		Granuloma Sperm	Marked
		Hypospermia	Marked
Heart		Cardiomyopathy	Mild
Intestine Large, Colon		Adenoma	
[Adenoma TGLS = 9-9]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Minimal
		Nephropathy	Chronic, Mild
[Cyst TGLS = 6-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13.1]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 7-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 5-13]			
[Infiltration Cellular TGLS = 5-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 561	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300561

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-12]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Marked
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 4-6.2]			
[Dilatation TGLS = 4-6.2]			
[Inflammation TGLS = 4-6.2]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Moderate
Stomach, Glandular	Epithelium	Hyperplasia	Marked
[Hyperplasia TGLS = 8-9]			
Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 562	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular
Nose	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
		Metaplasia	Osseous, Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Mild
[Cyst TGLS = 9-2]			
Liver		Granuloma	Multiple, Marked
[Granuloma TGLS = 5,6,7-5.3]			
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 8-10]			
[Infiltration Cellular TGLS = 8-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 2-5.2]			
Pancreas	Acinar Cell	Degeneration	Moderate
Parathyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 562	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300562

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Cyst	
		Degeneration	Mild
		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
		Hyperplasia	Minimal
Sem Ves			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Moderate
[Hyperkeratosis TGLS = 1-5]			
[Hyperplasia TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mesenteric	Nose	Pancreas	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye		Inflammation	Chronic, Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-12]			
[Hyperplasia TGLS = 4-12]			
[Infiltration Cellular TGLS = 4-12]			
Mammary Gland		Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 563	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300563

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Degeneration	Minimal
		Inflammation	Suppurative, Mild
Saliv Glands			
Note: TGL # 04 - NOTED GROSSLY AS SALIVARY GLAND WAS LYMPH NODE, MANDIBULAR			
Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
[Hyperkeratosis TGLS = 1-5.2]			
[Hyperplasia TGLS = 1-5.2]			
[Inflammation TGLS = 2-5.3]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 564	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lung
Lymph Node	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Adenoma	
[Adenoma TGLS = 1-3]			
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Lymph Node			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE (LYMPH NODE, HEMAL)			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked
Note: TGL # 02 - NOTED GROSSLY AS THYMUS WAS LYMPH NODE, HEMAL			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Pancreas	Pituitary Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung	Alveolar Epith	Adenoma	
[Adenoma TGLS = 7-10]			
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE (LYMPH NODE, LUMBAR)			
[Hyperplasia TGLS = 8-13.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 6-9.2]			
Parathyroid Gl			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 565	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300565

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
[Hyperkeratosis TGLS = 5-5.3]			
[Hyperplasia TGLS = 5-5.3]			
[Inflammation TGLS = 4-5.2]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 566	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla	Bilateral	Hyperplasia	Minimal
Brain	Brain Stem	Compression	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLS = 1-5]			
Lung		Infiltration Cellular	Histiocytic, Mild
		Metaplasia	Osseous, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Seminal Vesicle		Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 566	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300566

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 567	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Kidney		Infiltration Cellular	Lymphocyte, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mesenteric		Degeneration	Cystic, Moderate
		Hyperplasia	Lymphoid, Moderate
[Degeneration TGLS = 3-9.1]			
[Hyperplasia TGLS = 3-9.1]			
Preputial Gland	Parenchym Cell	Degeneration	Moderate
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 567	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300567

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 568	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Trachea	Urethra
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Minimal
Int Lg Rectum			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
		Infiltration Cellular	Lymphocyte, Minimal
[Cyst TGLS = 4,5-2.1]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 7-13.1]			
[Infiltration Cellular TGLS = 7-13.1]			
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 568	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300568

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
[Degeneration TGLS = 3-6.2]			
[Infiltration Cellular TGLS = 3-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Mild
Testes	Artery	Mineralization	Moderate
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
Urethra			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Note: TGL # 06 - BULBOURETHRAL GLAND WITHIN NORMAL LIMITS			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 06 - Noted grossly as Int. Lg, Anus was Urethra, Bulbourethral Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Mammary Gland	Nose	Parathyroid Gland
Preputial Gland	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Cyst	
	Pelvis	Dilatation	Minimal
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Liver		Hepatodiaphragmatic Nodule	
		Tension Lipidosis	Moderate
[Hepatodiaphragmatic Nodule TGLS = 5-5]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 4-3]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-6.3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 569	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300569

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 570	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Pancreas	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Hyperplasia	Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 7-8]			
Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
Kidney		Adenoma	Tubular
	Cortex	Cyst	
	Medulla	Cyst	
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3,4-2]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 5-13]			
[Infiltration Cellular TGLS = 5-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 570	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300570

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Minimal
[Degeneration TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Minimal
		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 1-5.3]			
[Necrosis TGLS = 1-5.3]			
Spleen		Hyperplasia	Lymphoid, Mild
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 571	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
		Metaplasia	Osseous, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Liver		Basophilic Focus	
		Degeneration	Cystic, Minimal
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Note: TGL # 01 - NOTED GROSSLY AS MAMMARY GLAND WAS SKIN			
Pancreas		Basophilic Focus	
	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 571	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300571

ORGAN AND ACCOUNTABLE SITE STATUS

		Sarcoma	
[Inflammation TGLS = 2-5.3]			
[Sarcoma TGLS = 1-5.2]			
Spleen		Hyperplasia	Lymphoid, Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 572	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebrum	Coagulating Gland	Epididymis	Esophagus
Eye	Heart	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Parathyroid Gland	Pituitary Gland	Prostate, Dorsal Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Brain	Cerebellum	Granular Cell Tumor Malignant	
Coagulat Gl			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 12-9]			
Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 10-13]			
Liver		Eosinophilic Focus	Multiple
	Biliar Tract	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
Lung			
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 572	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300572

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Lumbar	Hyperplasia	Lymphoid, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
	Mediastinal	Infiltration Cellular	Plasma Cell, Moderate
Note: TGL # 01 - NO MICROSCOPIC CORRELATE (LYMPH NODE, PANCREATIC)			
[Hyperplasia TGLS = 6-13.2]			
[Infiltration Cellular TGLS = 6-13.2]			
[Infiltration Cellular TGLS = 7-13.3]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
Note: TGL # 04 - No Microscopic Correlate			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 8-5.2]			
Stomach, Forestomach		Hyperplasia	Mild
		Inflammation	Chronic Active, Mild
[Hyperplasia TGLS = 11-9]			
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-13.4]			
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 573	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mesenteric
Nose	Pancreas	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Degeneration	Cystic, Mild
[Degeneration TGLS = 4-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Moderate
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 573	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300573

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 574	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Nose
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Pelvis	Hyperplasia	Minimal
		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Liver		Basophilic Focus	
		Eosinophilic Focus	Multiple
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
[Basophilic Focus TGLS = 4-5]			
[Eosinophilic Focus TGLS = 4-5]			
[Hyperplasia TGLS = 4-5]			
Lung			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
[Degeneration TGLS = 5-13.1]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 574	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300574

ORGAN AND ACCOUNTABLE SITE STATUS

		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Mild
[Dilatation TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-6.3]			
Spleen		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 8-5]			
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 6-13.2]			
Thymus	Epithel Cell	Hyperplasia	Moderate
		Hyperplasia	Lymphoid, Moderate
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 575	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
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	Preputial Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
[Degeneration TGLS = 2-3]			
Heart	Epicardium	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Mammary Gland		Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Moderate
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 576	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver		Inflammation	Chronic Active, Minimal
Lung		Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Minimal
[Hemorrhage TGLS = 3-10]			
[Infiltration Cellular TGLS = 3-10]			
[Mineralization TGLS = 3-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Pancreas	Acinar Cell	Degeneration	Marked
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 576	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300576

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]			
Spleen	Capsule	Fibrosis	Mild
[Fibrosis TGLS = 4-5]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 577	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
		Polyarteritis	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
Liver		Angiectasis	Mild
		Hepatocellular Adenoma	
[Angiectasis TGLS = 2-5]			
[Hepatocellular Adenoma TGLS = 3-5]			
Lung	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland		Sarcoma	
[Sarcoma TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 577	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300577

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 578	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Hemorrhage	Marked
[Hemorrhage TGLS = 2-10]			
Lymph Node	Mediastinal	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

Note: TGL # 01 - NOTED GROSSLY AS THYMUS WAS LYMPH NODE, MEDIASTINAL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 578	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300578

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 579	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Nose	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Infiltration Cellular	Lymphocyte, Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Basophilic Focus	
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 579	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300579

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 580	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Lung	Nose	Pancreas	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Intestine Large, Rectum

AUTO PRECLUDES DIAG.

Intestine Small, Ileum, Intestine Small, Jejunum

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Int Lg Rectum			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 7-2.1]			
Liver		Angiectasis	Mild
	Capsule	Fibrosis	Mild
		Infiltration Cellular	Lymphocyte, Minimal
[Angiectasis TGLS = 3,4-5.2]			
[Fibrosis TGLS = 3,4-5.2]			
[Infiltration Cellular TGLS = 3,4-5.2]			
Lung			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Infiltration Cellular	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 580	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300580

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Degeneration	Cystic, Marked
[Degeneration TGLS = 2-9.2]			
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.3]			
Thymus		Atrophy	Marked
[Atrophy TGLS = 6-1]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 583	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Heart	Parathyroid Gland
Rete Testes			

MISSING

Prostate, Ventral Lobe

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Liver	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Islets, Pancreatic		Adenoma	
Kidney			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Pituitary Gland	Pars Distalis	Adenoma	
		Autolysis	Marked
[Adenoma TGLS = 1-3]			
Preputial Gland		Autolysis	Marked
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Autolysis	Marked
		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-5.1]			
Testes		Autolysis	Marked
Note: PATHOLOGIST NOTED: NORMAL SECTION OF TESTES WAS AUTOLYSIS PRECLUDES DIAGNOSIS			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 583	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300583

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 584	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland	Nose
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Preputial Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla	Bilateral	Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3,4-10+10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 584	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300584

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Moderate
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 585	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla	Bilateral	Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Tension Lipidosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Mediastinal	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 5-13]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Basal Cell Adenoma	
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 585	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300585

ORGAN AND ACCOUNTABLE SITE STATUS

	Inflammation	Chronic Active, Marked
	Necrosis	Moderate
[Basal Cell Adenoma TGLS = 1-5]		
[Inflammation TGLS = 2-5.2]		
[Inflammation TGLS = 3-5.3]		
[Necrosis TGLS = 2-5.2]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 586	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Nose	Pancreas
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Stomach, Forestomach

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Basophilic Focus	
	Biliar Tract	Fibrosis	Minimal
	Capsule	Hemorrhage	Mild
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
[Basophilic Focus TGLS = 8-5]			
[Fibrosis TGLS = 8-5]			
[Hemorrhage TGLS = 8-5]			
[Inflammation TGLS = 8-5]			
[Vacuolization Cytoplasmic TGLS = 8-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 586	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300586

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic, Mild
[Infiltration Cellular TGLS = 9,10-10]			
[Inflammation TGLS = 9,10-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Hyperplasia	Lymphoid, Mild
	Pancreatic	Hyperplasia	Lymphoid, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
	Pancreatic	Inflammation	Granulomatous, Mild
Note: TGL # 07 - NO MICROSCOPIC CORRELATE (LYMPH NODE, MEDIASTINAL)			
Note: PATHOLOGIST NOTED: LYMPH NODE, MEDIASTINAL MISSING			
[Degeneration TGLS = 6-13.1]			
[Hyperplasia TGLS = 4-13.3]			
[Hyperplasia TGLS = 6-13.1]			
[Infiltration Cellular TGLS = 6-13.1]			
[Inflammation TGLS = 4-13.3]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Minimal
[Degeneration TGLS = 3-6.2]			
[Inflammation TGLS = 3-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 11-5.2]			
Stom Forestom			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 586	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300586

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Marked
Note: PATHOLOGIST NOTED: THYMUS PRESENT ON SLIDE # 13B(13.2)		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 587	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Harderian Gland		Degeneration	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 2-13]			
[Infiltration Cellular TGLS = 2-13]			
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin			
Note: TGL # 03 - NO SECTION TAKEN			
Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 587	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300587

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 02 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 588	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Nose	Pancreas	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 4-3]			
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
[Adenoma TGLS = 2-5]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 5-2]			
Liver		Angiectasis	Mild
		Eosinophilic Focus	Multiple
	Biliar Tract	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
[Angiectasis TGLS = 3-5]			
[Eosinophilic Focus TGLS = 3-5]			
[Fibrosis TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 588	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300588

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-5]			
Lung	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Marked
[Cyst TGLS = 6-3]			
[Hyperplasia TGLS = 6-3]			
Preputial Gland		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Moderate
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 589	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Minimal
	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Mammary Gland		Lactation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 590	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Basophilic Focus	
	Biliar Tract	Fibrosis	Mild
[Basophilic Focus TGLS = 1-5]			
[Fibrosis TGLS = 1-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 590	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300590

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 591	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Nose	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Intestine Small, Duodenum		Hemorrhage	Mild
		Inflammation	Suppurative, Moderate
		Necrosis	Mild
[Hemorrhage TGLS = 5-9.2]			
[Inflammation TGLS = 5-9.2]			
[Necrosis TGLS = 5-9.2]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Renal Tubule	Dilatation	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Liver		Angiectasis	Minimal
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 3-12]			
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Cyst	
[Cyst TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 591	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300591

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Parenchym Cell	Degeneration	Minimal
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Mild
[Degeneration TGLS = 2-6.2]			
[Dilatation TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Rete Testes		Dilatation	Moderate
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Marked
Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 592	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Nose	Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
		Inflammation	Granulomatous, Mild
Mammary Gland	Duct	Dilatation	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 592	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300592

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 593	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mesenteric	Mammary Gland	Parathyroid Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Congestion	Mild
		Nephropathy	Chronic, Minimal
[Congestion TGLS = 4-2]			
[Nephropathy TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Infiltration Cellular	Histiocyte, Moderate
[Hyperplasia TGLS = 5-10]			
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-12]			
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	Multiple
	Pars Distalis	Cyst	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 593	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300593

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]		
Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 594	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Brain	Cerebellum	Granular Cell Tumor Benign	
Heart		Cardiomyopathy	Minimal
		Metaplasia	Osseous, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Tension Lipidosis	Moderate
[Tension Lipidosis TGLS = 2-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 594	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300594

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 595	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Pheochromocytoma Benign	
		Pheochromocytoma Malignant	
Note: PATHOLOGIST NOTED: RIGHT ADRENAL MEDULLA, PHEOCHROM BENIGN			
[Pheochromocytoma Malignant TGLS = 1-3]			
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Skin		Inflammation	Suppurative, Marked
		Squamous Cell Carcinoma	
[Inflammation TGLS = 4-5.2]			
[Squamous Cell Carcinoma TGLS = 2-5]			
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 595	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300595

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 596	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Liver		Eosinophilic Focus	Multiple
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Pancreatic	Inflammation	Granulomatous, Minimal
Note: PATHOLOGIST NOTED: LYMPH NODE, MEDIASTINAL MISSING			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE (LYMPH NODE, MEDIASTINAL)			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
[Hyperplasia TGLS = 3-13]			
[Inflammation TGLS = 3-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Rete Testes		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 596	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300596

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Moderate
		Polyarteritis	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	Follicular Cel	Cyst	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 597	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Parathyroid Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Kidney	Pelvis	Dilatation	Mild
		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 5-13.2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Popliteal	Degeneration	Cystic, Mild
	Popliteal	Hyperplasia	Lymphoid, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
	Popliteal	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13.1]			
[Degeneration TGLS = 2-13]			
[Hyperplasia TGLS = 3-13.1]			
[Infiltration Cellular TGLS = 3-13.1]			
[Infiltration Cellular TGLS = 2-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 597	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300597

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Atrophy	Mild
[Atrophy TGLS = 1-6.2]			
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 4-5.2]			
[Necrosis TGLS = 4-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 598	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Mammary Gland	Nose	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Harderian Gland		Degeneration	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3,4-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 599	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Adenoma	
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 600	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Epididymis		Degeneration	Mild
		Hypospermia	Marked
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 2-12]			
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland		Inflammation	Suppurative, Marked
Skin		Fibroma	
		Inflammation	Suppurative, Marked
[Fibroma TGLS = 5-5.3]			
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 600	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300600

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Marked
Thymus		Atrophy	Marked
Urinary Bladder		Dilatation	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular
Nose	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-6.1]			
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 3-2]			
Liver		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mesenteric		Degeneration	Cystic, Minimal
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Mild
		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 601	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300601

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 602	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Adenoma	
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Nose	Pancreas	Preputial Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Kidney	Renal Tubule	Mineralization	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Mammary Gland		Degeneration	Mild
		Lactation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic, Mild
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 603	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300603

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Rete Testes
Salivary Glands	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Stomach, Forestomach

INSUFFICIENT TISSUE

Skin

OBSERVATIONS

Coagulating Gland		Adenocarcinoma	Metastatic (Prostate)
[Adenocarcinoma TGLS = 4-6.1]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Pelvis	Dilatation	Moderate
	Renal Tubule	Dilatation	Moderate
		Nephropathy	Chronic, Moderate
[Dilatation TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Hyperplasia TGLS = 3-10]			
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Mammary Gland		Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 604	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300604

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Mild
Prostate, Dorsal Lobe		Adenocarcinoma	
Prostate, Ventral Lobe		Adenocarcinoma	
Seminal Vesicle		Adenocarcinoma	Metastatic (Prostate)
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 605	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Lung		Metaplasia	Osseous, Minimal
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Minimal
Skin		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 620	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Kidney	Lung	Nose
Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Epididymis		Mesothelioma Malignant	
Eye	Bilateral, Retina	Atrophy	Mild
Islets, Pancreatic		Hyperplasia	Moderate
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Marked
		Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 1-13]			
[Infiltration Cellular TGLS = 1-13]			
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Cyst	
[Adenoma TGLS = 3-3]			
[Cyst TGLS = 3-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 620	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300620

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Mesothelioma Malignant Atrophy	 Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 01 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Epididymis		Degeneration	Moderate
		Hypospermia	Marked
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lung		Fibrosarcoma	Metastatic (Skin)
Lymph Node, Mandibular		Fibrosarcoma	Metastatic (Skin)
		Infiltration Cellular	Plasma Cell, Marked
Mammary Gland		Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Moderate
		Inflammation	Suppurative, Moderate
[Degeneration TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Degeneration	Minimal
		Inflammation	Suppurative, Minimal
Rete Testes		Dilatation	Minimal
Salivary Glands		Atrophy	Moderate
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 3-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 624	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300624

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Fibrosarcoma	
[Fibrosarcoma TGLS = 1-5.1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Mild
[Degeneration TGLS = 4-7]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Skin Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mandibular	Nose	Pancreas	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Eye		Cataract	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
[Cyst TGLS = 5-2]			
Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
Lung		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 6-13]			
[Infiltration Cellular TGLS = 6-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 7-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 627	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300627

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Note: TGL # 03 - No Microscopic Correlate			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Parathyroid Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Mild
	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
[Hyperplasia TGLS = 3-2]			
[Mineralization TGLS = 3-2]			
[Nephropathy TGLS = 3-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 4-10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 628	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300628

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Nose		Inflammation	Chronic Active, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Suppurative, Mild
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 629	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
	Alveolus	Hyperplasia	Minimal
[Adenocarcinoma TGLS = 1-5]			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-5.2]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Mammary Gland	Nose	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 3-12]			
[Hyperplasia TGLS = 3-12]			
[Infiltration Cellular TGLS = 3-12]			
Pancreas	Acinar Cell	Degeneration	Moderate
	Acinar Cell	Hyperplasia	Marked
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Foreign Body	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 630	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300630

ORGAN AND ACCOUNTABLE SITE STATUS

	Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe	Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe	Degeneration	Mild
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]		
Spleen	Hematopoietic Cell Proliferation	Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 631	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Pancreas	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Islets, Pancreatic

OBSERVATIONS

Islets Panc			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Marked
[Cyst TGLS = 4,6-2]			
[Nephropathy TGLS = 4,6-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
		Metaplasia	Osseous, Minimal
[Infiltration Cellular TGLS = 5-10]			
[Metaplasia TGLS = 5-10]			
Pancreas			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 631	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300631

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Hemangiosarcoma	
[Hemangiosarcoma TGLS = 3-5]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 632	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Dilatation	Minimal
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
[Dilatation TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 6-10]			
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Renal	Degeneration	Cystic, Marked
	Renal	Hyperplasia	Lymphoid, Moderate
	Renal	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-13]			
[Hyperplasia TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 632	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300632

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Duct	Dilatation	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 04 - Noted grossly as Ureter was Lymph Node, Renal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
		Hyperplasia	Mild
[Adenoma TGLS = 5-13]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 6-2]			
Liver		Cyst	
		Eosinophilic Focus	
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
[Cyst TGLS = 2,4-5.2]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 633	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300633

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Minimal
		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 05 - Noted grossly as Lymph Node, Pancreatic was Islets Pancreas

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 634	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Islets, Pancreatic	Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Small, Jejunum

OBSERVATIONS

Bone Marrow	Erythroid Cell	Hyperplasia	Mild
	Myeloid Cell	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Intestine Large, Colon		Adenoma	
		Polyarteritis	Moderate
[Adenoma TGLS = 6-9]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Note: TGL # 04 - NO SECTION TAKEN			
[Infiltration Cellular TGLS = 3,5,7-10+10.1]			
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Cyst Epithelial Inclusion	
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 634	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300634

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst Epithelial Inclusion TGLS = 1-5.2]			
[Inflammation TGLS = 2-5.3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 635	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Lung	Artery	Mineralization	Minimal
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Inflammation	Suppurative, Marked
		Necrosis	Marked
[Inflammation TGLS = 1-5.2]			
[Necrosis TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	
[Adenoma TGLS = 3-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 636	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Capsule	Fatty Change	
		Fibrosis	Mild
		Inflammation	Chronic, Minimal
[Fatty Change TGLS = 3-2]			
[Fibrosis TGLS = 3-2]			
[Inflammation TGLS = 3-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Mild
Nose		Inflammation	Chronic Active, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Cyst	
Prostate, Dorsal Lobe		Degeneration	Mild
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 637	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300637

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Ileum
Lung	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Nose

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Coagulating Gland		Degeneration	Mild
Harderian Gland		Degeneration	Minimal
Intestine Small, Duodenum	Serosa	Polyarteritis	Moderate
Intestine Small, Jejunum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 6-9.2]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Mild
	Renal Tubule	Inflammation	Suppurative, Mild
		Nephropathy	Chronic, Marked
[Cyst TGLS = 3-2]			
Liver		Angiectasis	Minimal
		Basophilic Focus	
		Hemorrhage	Mild
[Angiectasis TGLS = 1-5]			
[Basophilic Focus TGLS = 1-5]			
Lymph Node	Pancreatic	Inflammation	Granulomatous, Mild
	Adventitia, Pancreatic	Polyarteritis	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 638	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300638

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-13]			
[Polyarteritis TGLS = 2-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 5-12]			
[Infiltration Cellular TGLS = 5-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Minimal
Nose			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Pancreas	Acinar Cell	Degeneration	Marked
		Inflammation	Chronic Active, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Atrophy	Mild
[Atrophy TGLS = 4-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Testes		Polyarteritis	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Eye

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Brain	Brain Stem	Compression	Mild
	Cerebrum	Hydrocephalus	Moderate
[Hydrocephalus TGLS = 3-8]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 639	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300639

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Mammary Gland
Nose	Pituitary Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Eye	Bilateral, Retina	Atrophy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 1-13]			
[Infiltration Cellular TGLS = 1-13]			
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Degeneration	Minimal
		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 656	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300656

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 01 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 657	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Eye	Bilateral, Retina	Atrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Pancreas	Acinar Cell	Degeneration	Marked
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Cyst Epithelial Inclusion	
		Inflammation	Suppurative, Marked
[Cyst Epithelial Inclusion TGLS = 2-5.3]			
[Inflammation TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 657	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300657

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 658	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lymph Node, Mandibular	Nose
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 8-8]			
Harderian Gland		Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
[Cyst TGLS = 5-2]			
Lung	Artery	Mineralization	Minimal
Lymph Node		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 9-13]			
[Infiltration Cellular TGLS = 9-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Duct	Dilatation	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 658	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300658

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-6.2]		
Prostate, Dorsal Lobe	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 4-6]		
Prostate, Ventral Lobe	Degeneration	Marked
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]		
Spleen	Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-5]		
Thymus	Atrophy	Marked
Thyroid Gland	Cyst	Squamous

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 09 - Noted grossly as Ureter was Lymph Node

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 659	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Minimal
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver		Angiectasis	Moderate
		Degeneration	Cystic, Mild
[Angiectasis TGLS = 2,3-5+5.3]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 5-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 659	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300659

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked
Thyroid Gl		
Note: TGL # 06 - NO MICROSCOPIC CORRELATE		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 660	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Pancreas	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Heart		Polyarteritis	Minimal
Kidney	Cortex	Cyst	
	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Polyarteritis	Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Polyarteritis	Mild
Mammary Gland		Lactation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 2-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 660	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 742
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300660

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 2-6.2]		
[Inflammation TGLS = 2-6.2]		
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
	Polyarteritis	Mild
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]		
Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH -		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 673	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Brain	Cerebrum	Mineralization	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lung	Peribronchial	Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 674	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mandibular	Nose	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Brain	Cerebrum	Granular Cell Tumor Malignant	
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
[Cyst TGLS = 1-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2,3-10+10.1]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Mild
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 675	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300675

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Pancreas
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 675	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300675

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Carcinoma	
		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 676	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Lymph Node, Mandibular	Mammary Gland	Nose	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
		Metaplasia	Osseous, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Angiectasis	Minimal
[Angiectasis TGLS = 3-5]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-13.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 676	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300676

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 677	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300677

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mesenteric	Mammary Gland	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney		Fatty Change	Mild
		Hyperplasia	Tubular, Moderate
		Infiltration Cellular	Lymphocyte, Mild
[Hyperplasia TGLS = 4-2]			
[Infiltration Cellular TGLS = 4-2]			
Liver		Cyst	
	Biliar Tract	Fibrosis	Minimal
[Cyst TGLS = 3-5]			
Lung		Hemorrhage	Marked
[Hemorrhage TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 677	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300677

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 678	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300678

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Angiectasis	Mild
		Vacuolization Cytoplasmic	Mild
[Angiectasis TGLS = 6-5]			
Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Marked
[Hyperplasia TGLS = 3-10]			
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hemorrhage	Moderate
		Hyperplasia	Lymphoid, Mild
[Hemorrhage TGLS = 5-9.1]			
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 678	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300678

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 679	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300679

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mandibular	Nose	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	
	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1,2-5.1+5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 679	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300679

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 680	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300680

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate, Dorsal Lobe	Rete Testes	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2,5-10+10.1]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Minimal
[Degeneration TGLS = 4-9.1]			
[Hyperplasia TGLS = 4-9.1]			
Mammary Gland		Degeneration	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Degeneration	Moderate
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 1-6.1]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 680	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300680

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 681	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300681

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node, Mandibular	Prostate, Ventral Lobe	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Epididymis		Degeneration	Mild
		Hypospermia	Marked
Kidney		Nephropathy	Chronic, Minimal
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lung			
Note: TGL # 06 & 07 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 3-13]			
[Hyperplasia TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Moderate
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 681	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300681

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Atrophy	Mild
	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
[Infiltration Cellular TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-7]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 682	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300682

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Adrenal Cortex	Adrenal Medulla

OBSERVATIONS

Adren Cortex			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Adren Medulla			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
[Cyst TGLS = 2-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Liver		Eosinophilic Focus	Multiple
		Inflammation	Chronic Active, Minimal
Lung		Metaplasia	Osseous, Mild
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
[Metaplasia TGLS = 4-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 682	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300682

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 683	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300683

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 4-6.1]			
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Inflammation	Chronic Active, Minimal
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
		Inflammation	Granulomatous, Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Marked
		Squamous Cell Carcinoma	
[Inflammation TGLS = 1-6.2]			
[Squamous Cell Carcinoma TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 683	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300683

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 684	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300684

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

MISSING

Preputial Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Capsule	Fibrosis	Mild
		Infiltration Cellular	Lymphocyte, Minimal
[Fibrosis TGLS = 2,3-5]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Hyperplasia	Lymphoid, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-13]			
[Hyperplasia TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Mammary Gland		Degeneration	Minimal
Preputial Gl			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 684	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300684

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Ventral Lobe		Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Saliv Glands			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 6B(6.2)			
Skin		Inflammation	Suppurative, Marked
		Necrosis	Moderate
[Inflammation TGLS = 1-5.2]			
[Necrosis TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 685	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300685

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mandibular	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic Active, Marked
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 693	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300693

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Parathyroid Gland	Prostate, Dorsal Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Medulla	Bilateral	Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 4-3]			
Eye	Retina	Atrophy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Hepatocellular Adenoma	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
[Hepatocellular Adenoma TGLS = 5-5]			
Lung		Hemorrhage	Marked
	Alveolar Epith	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Moderate
[Hemorrhage TGLS = 3-10]			
[Hyperplasia TGLS = 3-10]			
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 693	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300693

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Mild
Nose		Inflammation	Suppurative, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Marked
Testes		Polyarteritis	Mild
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 694	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300694

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular
Nose	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver		Angiectasis	Minimal
	Biliar Tract	Fibrosis	Minimal
		Hemorrhage	Mild
[Angiectasis TGLS = 2-5]			
[Hemorrhage TGLS = 2-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland	Bilateral	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 5-3]			
Preputial Gland	Duct	Dilatation	Mild
		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 694	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300694

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal
Skin	Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5.2]		
Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked
Thyroid Gland	Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 695	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300695

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mandibular	Nose	Pancreas	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Bone Marrow		Hypocellularity	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 5-6.1]			
Epididymis		Degeneration	Mild
		Hypospermia	Marked
[Hypospermia TGLS = 4-6.2]			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Marked
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
[Degeneration TGLS = 2-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 695	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300695

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3-13]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 696	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300696

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Harderian Gland		Degeneration	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Liver		Cholangiofibrosis	Moderate
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 3-10]			
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Degeneration	Mild
Preputial Gland		Abscess	Marked
	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 696	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300696

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 697	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300697

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Marked
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
		Keratoacanthoma	
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 697	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300697

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 2-5.2]		
Spleen	Pigmentation	Moderate
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 698	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Preputial Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Hyperplasia	Mild
Parathyroid Gl			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate, Dorsal Lobe		Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Seminal Vesicle		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 1-5]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 698	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300698

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 699	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300699

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Prostate, Dorsal Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
[Degeneration TGLS = 1-6.2]			
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Lipoma	
[Lipoma TGLS = 2-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 699	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300699

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Marked
Urinary Bladder	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 700	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300700

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Mammary Gland	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Coagulat Gl			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 2-2]			
[Nephropathy TGLS = 2-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300711

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Pancreas	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-6.1]			
Epididymis		Polyarteritis	Mild
Eye	Bilateral, Retina	Atrophy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Degeneration	Cystic, Mild
		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Moderate
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Cyst	
		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 711	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300711

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 712	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300712

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 2-10]			
[Infiltration Cellular TGLS = 2-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300713

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Moderate
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye	Bilateral, Retina	Atrophy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver	Biliar Tract	Fibrosis	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 2-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 713	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300713

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Marked
Thyroid Gland	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300714

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Epididymis			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Eye	Retina	Atrophy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver		Eosinophilic Focus	Multiple
	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 6-3]			
Preputial Gland	Parenchym Cell	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 714	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300714

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Dilatation	Moderate
		Infiltration Cellular	Lymphocyte, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Fibrosis	Moderate
		Inflammation	Suppurative, Marked
[Fibrosis TGLS = 2-5.3]			
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3-7]			
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300715

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Eye	Retina	Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Degeneration	Cystic, Minimal
		Eosinophilic Focus	Multiple
		Vacuolization Cytoplasmic	Mild
Lung			
Note: TGL # 04 & 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-13]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Skin		Abscess	Marked
		Hyperkeratosis	Moderate
	Epidermis	Hyperplasia	Moderate
[Abscess TGLS = 2-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 715	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300715

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperkeratosis TGLS = 1-5]		
[Hyperplasia TGLS = 1-5]		
Spleen	Pigmentation	Minimal
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 716	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300716

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Prostate, Dorsal Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Mild
[Angiectasis TGLS = 2-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Nose	Pancreas	Preputial Gland	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Epididymis		Degeneration	Mild
		Hypospermia	Marked
Heart		Cardiomyopathy	Mild
		Metaplasia	Osseous, Minimal
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13.1]			
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Moderate
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Rete Testes		Fibrosis	Mild
Skin		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 724	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300724

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3-7]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300725

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Esophagus
Eye	Harderian Gland	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, Ventral Lobe	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Mild
Epididymis		Hypospermia	Marked
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
[Nephropathy TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Metaplasia	Osseous, Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Rete Testes		Dilatation	Moderate
Skin		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 725	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300725

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-7]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300726

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
[Nephropathy TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Hyperplasia TGLS = 3-12]			
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 726	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300726

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]		
Spleen	Pigmentation	Minimal
Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 727	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300727

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 1-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300728

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6,7-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Cyst Epithelial Inclusion	
[Cyst Epithelial Inclusion TGLS = 1-5.2]			
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 728	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300728

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

Animal Note: TGL # 04 - Noted grossly as Prostate, Ventral was Prostate, Dorsal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Parathyroid Gland
Pituitary Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Bone Marrow	Erythroid Cell	Hyperplasia	Moderate
	Myeloid Cell	Hyperplasia	Marked
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
[Degeneration TGLS = 4-13.1]			
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 729	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300729

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 1-5.2]			
[Necrosis TGLS = 1-5.2]			
Spleen		Hyperplasia	Stromal, Moderate
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 730	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300730

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Nose
Pancreas	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Liver		Eosinophilic Focus	Multiple
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 2-6.1]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 4-5]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 731	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300731

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Cyst	
Adrenal Medulla		Hyperplasia	Moderate
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	Multiple
Lymph Node, Mandibular		Degeneration	Cystic, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300732

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Capsule	Fatty Change	
[Fatty Change TGLS = 1-2]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 2-3]			
[Hyperplasia TGLS = 2-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 3-6.1]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 732	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300732

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Marked
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Liver		Angiectasis	Mild
		Basophilic Focus	
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 6-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 5-12]			
[Infiltration Cellular TGLS = 5-12]			
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 733	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300733

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Inflammation	Suppurative, Marked
	Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-6.2]		
Prostate, Dorsal Lobe	Inflammation	Suppurative, Minimal
Skin	Schwannoma Benign	
[Schwannoma Benign TGLS = 2-5.2]		
Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked
Thyroid Gland	Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300734

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Nose	Parathyroid Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Cerebrum	Granular Cell Tumor Benign	
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 7-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Cyst	
[Cyst TGLS = 5-5]			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 4-13.1]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Preputial Gland	Parenchym Cell	Degeneration	Marked
	Duct	Dilatation	Marked
		Infiltration Cellular	Lymphocyte, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 734	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300734

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 1-6.2]		
[Dilatation TGLS = 1-6.2]		
[Infiltration Cellular TGLS = 1-6.2]		
Rete Testes	Dilatation	Mild
Sem Ves		
Note: TGL # 03 - NO MICROSCOPIC CORRELATE		
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 8-5.2]		
Spleen	Hematopoietic Cell Proliferation	Mild
	Pigmentation	Minimal
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 735	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300735

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric
Mammary Gland	Nose	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Mild
[Angiectasis TGLS = 3,4-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland	Duct	Dilatation	Moderate
		Inflammation	Suppurative, Moderate
[Dilatation TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 737	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300737

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mesenteric	Mammary Gland	Nose	Pituitary Gland
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Eye		Cataract	Minimal
Kidney	Cortex	Cyst	
		Infiltration Cellular	Lymphocyte, Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gland		Degeneration	Mild
		Inflammation	Chronic Active, Moderate
[Degeneration TGLS = 1-13]			
[Inflammation TGLS = 1-13]			
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-13.1]			
[Infiltration Cellular TGLS = 4-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 737	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300737

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 3-6]			
Prostate, Ventral Lobe		Degeneration	Minimal
Rete Testes		Dilatation	Minimal
Skin	Sebaceous Gl	Carcinoma	
		Inflammation	Suppurative, Marked
[Carcinoma TGLS = 6-5.1]			
[Inflammation TGLS = 6,7-5.1+5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	- Skin Sebaceous Gl Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300738

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Mammary Gland	Nose	Parathyroid Gland	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hemorrhage	Marked
		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-3]			
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Epididymis		Atrophy	Moderate
		Degeneration	Mild
		Hypospermia	Marked
[Atrophy TGLS = 5-6.2]			
[Degeneration TGLS = 5-6.2]			
[Hypospermia TGLS = 5-6.2]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver	Biliar Tract	Fibrosis	Minimal
		Vacuolization Cytoplasmic	Minimal
Lung		Congestion	Marked
[Congestion TGLS = 6-10]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 738	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300738

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Abscess	Marked
	Duct	Dilatation	Marked
[Abscess TGLS = 2-6.2]			
[Dilatation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Rete Testes		Dilatation	Moderate
Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild
[Hyperkeratosis TGLS = 1-5.2]			
[Hyperplasia TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 4-13]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 739	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300739

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Bone Marrow	Erythroid Cell	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Spleen		Hyperplasia	Stromal, Marked
[Hyperplasia TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 740	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300740

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	
OBSERVATIONS			
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland	Parenchym Cell	Degeneration	Mild
	Duct	Dilatation	Moderate
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Salivary Glands	Acinar Cell	Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300741

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Vacuolization Cytoplasmic	Mild
[Degeneration TGLS = 2-3]			
[Hyperplasia TGLS = 2-3]			
[Vacuolization Cytoplasmic TGLS = 2-3]			
Kidney		Nephropathy	Chronic, Minimal
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Liver		Developmental Malformation	
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
[Developmental Malformation TGLS = 1-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
[Degeneration TGLS = 3-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Minimal
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 741	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300741

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
		Necrosis	Moderate
[Inflammation TGLS = 6-5.2]			
[Necrosis TGLS = 6-5.2]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300742

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Small, Jejunum		Adenocarcinoma	
[Adenocarcinoma TGLS = 3-9.1]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 6-2]			
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
		Infiltration Cellular	Lymphocyte, Mild
[Basophilic Focus TGLS = 5-5]			
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Mild
[Infiltration Cellular TGLS = 4-10]			
[Mineralization TGLS = 4-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Mild
Nose		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 742	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300742

ORGAN AND ACCOUNTABLE SITE STATUS

	Squam Epithel	Metaplasia	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 2-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 743	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 744
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300743

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Cerebellum	Brain - Cerebrum
Heart	Parathyroid Gland	Rete Testes	

AUTO PRECLUDES DIAG.

Adrenal Cortex	Adrenal Medulla	Bone Marrow	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Preputial Gland
Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Brain	Brain Stem	Autolysis	Marked
	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Lym Node Mand			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Pituitary Gland	Pars Distalis	Adenoma	
		Autolysis	Marked
[Adenoma TGLS = 4-3]			
Prostate, Dorsal Lobe		Autolysis	Marked
		Inflammation	Suppurative, Mild
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 2-5.1]			
Testes		Autolysis	Marked
Note: PATHOLOGIST NOTED: NORMAL SECTION OF TESTES WAS AUTOLYSIS PRECLUDES DIAGNOSIS			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 762	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300762

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urethra	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Atrophy	Moderate
		Hypertrophy	Mild
		Infiltration Cellular	Lymphocyte, Mild
		Pigmentation	Mild
		Vacuolization Cytoplasmic	Mild
[Atrophy TGLS = 1-3]			
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
Note: TGL # 05 - NOTED GROSSLY AS LYMPH NODE, INGUINAL WAS URETHRA BULBOURETHRAL GLAND			
[Hyperplasia TGLS = 4-13.1]			
[Infiltration Cellular TGLS = 4-13.1]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 7-12]			
[Infiltration Cellular TGLS = 7-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 762	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300762

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-6]			
Rete Testes		Dilatation	Minimal
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Urethra			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 763	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300763

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 4-13]			
Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
		Metaplasia	Osseous, Minimal
[Infiltration Cellular TGLS = 9-10]			
[Metaplasia TGLS = 9-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 6-13.1]			
[Infiltration Cellular TGLS = 6-13.1]			
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Marked
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Galactocele	Marked
	Alveolus	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 763	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300763

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-5.2]			
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
		Squamous Cell Carcinoma	
[Dilatation TGLS = 3-6.2]			
[Inflammation TGLS = 3-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 764	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 746
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Eye		Inflammation	Chronic Active, Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
		Pigmentation	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 3-6.1]			
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 764	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 746
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300764

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 765	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300765

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300766

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lung	Lymph Node, Mandibular	Mammary Gland
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Epididymis		Degeneration	Minimal
		Hypospermia	Marked
		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13]			
[Hyperplasia TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 766	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300766

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-3]			
[Hyperplasia TGLS = 4-3]			
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-7]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 03 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 767	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Rete Testes

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Kidney		Nephropathy	Chronic, Minimal
Liver		Basophilic Focus	
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Minimal
	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Marked
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
		Inflammation	Granulomatous, Moderate
Mammary Gland		Degeneration	Marked
Nose		Metaplasia	Osseous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Dilatation TGLS = 2-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 767	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300767

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 768	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 746
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300768

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 1-13]			
Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 746
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300769

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mandibular	Nose	Pancreas
Pituitary Gland	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 4-2]			
[Fatty Change TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver		Tension Lipidosis	Moderate
[Tension Lipidosis TGLS = 3-5]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Mild
Parathyroid Gland		Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Hyperplasia	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 769	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 746
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300769

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 5-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 770	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 746
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300770

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lung
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Brain	Cerebrum	Astrocytoma Malignant	
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
		Inflammation	Granulomatous, Moderate
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 771	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300771

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mandibular	Nose	Pancreas
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Angiectasis	Mild
		Degeneration	Cystic, Mild
Adrenal Medulla		Pheochromocytoma Benign	
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye	Bilateral, Retina	Atrophy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2-10]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 771	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300771

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 772	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300772

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mesenteric	Nose	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Intermed	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Moderate
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Granulomatous, Marked
		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5.2]			
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 772	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300772

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 773	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300773

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lymph Node, Mandibular
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Pituitary Gland

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Heart	Endocardium	Hyperplasia	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Capsule	Fatty Change	
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Mild
[Hyperplasia TGLS = 4-2]			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Mild
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gl			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Preputial Gland	Parenchym Cell	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 773	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300773

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Seminal Vesicle		Dilatation	Moderate
		Hyperplasia	Moderate
		Inflammation	Chronic Active, Mild
[Dilatation TGLS = 2-6.1]			
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-5]			
Spleen		Hyperplasia	Lymphoid, Marked
[Hyperplasia TGLS = 3-5.2]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 774	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300774

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mandibular
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Kidney	Cortex	Cyst	
[Cyst TGLS = 3-2]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Dilatation TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Marked
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 775	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300775

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Mild
[Angiectasis TGLS = 2-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 775	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300775

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]		
Spleen	Hematopoietic Cell Proliferation	Mild
Thymus		
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 776	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300776

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lymph Node, Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Epididymis		Degeneration	Moderate
		Hypospermia	Marked
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Mild
	Renal Tubule	Inflammation	Suppurative, Mild
		Nephropathy	Chronic, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Cyst Epithelial Inclusion	
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 776	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300776

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst Epithelial Inclusion TGLS = 1-5.2]			
[Inflammation TGLS = 2-5]			
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3-13]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 777	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Prostate, Dorsal Lobe	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Epididymis		Degeneration	Minimal
		Hypospermia	Marked
[Degeneration TGLS = 2-6.2]			
Eye	Bilateral, Retina	Atrophy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Moderate
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Rete Testes		Fibrosis	Moderate
Skin		Inflammation	Chronic, Minimal
[Inflammation TGLS = 3-5]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-13]			
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 777	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300777

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 778	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300778

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Vacuolization Cytoplasmic	Minimal
Bone Marrow		Hypocellularity	Mild
Epididymis		Degeneration	Mild
		Hypospermia	Marked
Eye	Bilateral, Retina	Atrophy	Mild
Kidney	Cortex	Cyst	
Liver		Eosinophilic Focus	Multiple
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
Rete Testes		Dilatation	Marked
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 778	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300778

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 779	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 745
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300779

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Preputial Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Epididymis		Hypospermia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Kidney		Nephropathy	Chronic, Minimal
Lung		Metaplasia	Osseous, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Mild
[Degeneration TGLS = 2-13]			
Thymus		Atrophy	Marked
Urin Bladder			
Note: PATHOLOGIST NOTED: PLUG OF COAGULATED SEMINAL FLUID			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 783	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Epididymis	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Minimal
Brain			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Coagulating Gland		Developmental Malformation	
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 783	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300783

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]		
Spleen	Pigmentation	Minimal
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 784	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300784

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Jejunum	Liver	Lung	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Preputial Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Intestine Small, Ileum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-9.1]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Depletion Lymphoid	Mild
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 784	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300784

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 785	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300785

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 5-3]			
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 4-6.1]			
Epididymis		Degeneration	Minimal
		Hypospermia	Marked
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
		Infiltration Cellular	Lymphocyte, Minimal
[Cyst TGLS = 6-2]			
Liver		Eosinophilic Focus	
Lymph Node	Pancreatic	Hemorrhage	Minimal
	Pancreatic	Pigmentation	Minimal
[Hemorrhage TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 785	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300785

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Degeneration	Mild
		Inflammation	Suppurative, Mild
Rete Testes		Fibrosis	Mild
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3-7]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 786	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300786

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Intestine Large, Cecum		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 3-9]			
Kidney	Pelvis	Hyperplasia	Minimal
		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Moderate
		Seminoma Benign	
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 786	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300786

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 787	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300787

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Preputial Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Mammary Gland	Alveolus	Hyperplasia	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 788	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300788

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Minimal
Eye	Bilateral, Retina	Atrophy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
[Basophilic Focus TGLS = 5-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 4-3]			
Preputial Gland		Inflammation	Suppurative, Marked
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 1-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 788	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300788

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 789	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300789

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Parathyroid Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node, Mandibular

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Pheochromocytoma Benign	
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Capsule	Fibrosis	Minimal
		Hemorrhage	Mild
	Bile Duct	Hyperplasia	Mild
[Fibrosis TGLS = 3-5]			
[Hemorrhage TGLS = 3-5]			
[Hyperplasia TGLS = 3-5]			
Lym Node Mand			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 789	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300789

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Granulomatous, Minimal
[Degeneration TGLS = 5-13]			
[Infiltration Cellular TGLS = 5-13]			
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Inflammation	Suppurative, Marked
Skin		Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Lymphoid, Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 05 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 790	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300790

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone, Femur
Brain - Cerebellum	Coagulating Gland	Epididymis	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Nose	Parathyroid Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Bone Marrow		Hypocellularity	Mild
Brain	Brain Stem	Compression	Mild
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 10-8]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 8-13.2]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Note: TGL # 12 - NO MICROSCOPIC CORRELATE			
Liver		Angiectasis	Mild
[Angiectasis TGLS = 4,5-5]			
Lung		Metaplasia	Osseous, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
Note: TGL # 08 - NOTED GROSSLY AS LYMPH NODE, PANCREATIC WAS ISLETS PANCREAS			
[Degeneration TGLS = 7-13]			
[Infiltration Cellular TGLS = 7-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Degeneration	Cystic, Minimal
		Infiltration Cellular	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 790	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300790

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 6-13.1]			
[Infiltration Cellular TGLS = 6-13.1]			
Mammary Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 3,11-5.4+5.3]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Marked
Prostate, Ventral Lobe		Hyperplasia	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 06 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 791	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Pancreas	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Minimal
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Kidney		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Marked
	Popliteal	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 1-13]			
[Infiltration Cellular TGLS = 3-13.2]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
[Degeneration TGLS = 7-13.1]			
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Preputial Gland		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Foreign Body	
		Inflammation	Pyogranulomat, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 791	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300791

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Marked
[Foreign Body TGLS = 5-5.3]			
[Inflammation TGLS = 4-5.2]			
[Inflammation TGLS = 5-5.3]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 07 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 792	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300792

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Mild
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 792	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300792

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 793	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300793

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mandibular	Mammary Gland	Nose	Pancreas
Pituitary Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13.1]			
Liver			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lung	Artery	Mineralization	Minimal
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 2-13]			
[Hyperplasia TGLS = 2-13]			
[Infiltration Cellular TGLS = 2-13]			
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 793	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300793

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]		
Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked
Thyroid Gland	Cyst	Squamous

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 02 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 794	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300794

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Coagulating Gland	Epididymis	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Liver
Lymph Node, Mesenteric	Mammary Gland	Nose	Pituitary Gland
Rete Testes	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Pheochromocytoma Benign	
Brain	Cerebrum	Granular Cell Tumor Benign	
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Metaplasia	Osseous, Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Minimal
		Mineralization	Mild
		Nephropathy	Chronic, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Minimal
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Mild
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Inguinal	Infiltration Cellular	Plasma Cell, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked

[Hyperplasia TGLS = 4-13]
[Hyperplasia TGLS = 2,5-13.1+13.2]
[Infiltration Cellular TGLS = 4-13]

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 794	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300794

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 2,5-13.1+13.2]			
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 3-12]			
[Hyperplasia TGLS = 3-12]			
[Infiltration Cellular TGLS = 3-12]			
Mammary Gl			
Note: TGL # 02 & 05 - NOTED GROSSLY AS MAMMARY GLAND WERE LYMPN NODE, INGUINAL			
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 6-6.1]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 795	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mesenteric	Mammary Gland	Nose	Pancreas
Parathyroid Gland	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Mild
Coagulating Gland		Dilatation	Moderate
Epididymis		Degeneration	Mild
		Hypospermia	Marked
		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Minimal
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node	Pancreatic	Hyperplasia	Lymphoid, Mild
	Popliteal	Hyperplasia	Lymphoid, Mild
	Renal	Hyperplasia	Lymphoid, Mild
	Pancreatic	Infiltration Cellular	Plasma Cell, Moderate
	Popliteal	Infiltration Cellular	Plasma Cell, Mild
	Renal	Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 2-13]			
[Hyperplasia TGLS = 5-13.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 795	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300795

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 3-13.1]			
[Infiltration Cellular TGLS = 5-13.2]			
[Infiltration Cellular TGLS = 3-13.1]			
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
	Duct	Dilatation	Marked
		Inflammation	Suppurative, Minimal
[Degeneration TGLS = 1-6.2]			
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Rete Testes		Fibrosis	Moderate
		Spermatocele	Marked
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 6-5]			
Testes	Seminif Tub	Degeneration	Marked
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 796	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300796

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	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	Lymph Node, Mandibular
Nose	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla	Bilateral	Hyperplasia	Marked
		Pheochromocytoma Benign	
Eye	Retina	Atrophy	Minimal
Harderian Gland		Adenoma	
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Liver		Clear Cell Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
[Clear Cell Focus TGLS = 5-5]			
Lymph Node			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE (LYMPH NODE, HEMAL)			
Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Pancreas		Basophilic Focus	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 796	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300796

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Sarcoma	
[Sarcoma TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus			
Note: TGL # 03 - NOTED GROSSLY AS THYMUS WAS LYMPH NODE, HEMAL			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 797	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300797

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Mild
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Inguinal	Hyperplasia	Lymphoid, Moderate
	Lumbar	Hyperplasia	Lymphoid, Moderate
	Inguinal	Infiltration Cellular	Plasma Cell, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 4-5.2]			
[Infiltration Cellular TGLS = 4-5.2]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gl			

Note: TGL # 04 - NOTED GROSSLY AS MAMMARY GLAND WAS LYMPH NODE, INGUINAL

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 797	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300797

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland		Inflammation	Suppurative, Mild
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 798	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300798

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lymph Node, Mesenteric
Mammary Gland	Nose	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Mild
[Hyperplasia TGLS = 4-3]			
[Vacuolization Cytoplasmic TGLS = 4-3]			
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLS = 3-13]			
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland	Bilateral	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Marked
Skin		Inflammation	Suppurative, Marked
		Lipoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 798	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300798

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-5]			
[Lipoma TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 799	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300799

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Lymph Node, Mandibular	Mammary Gland
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 2-13]			
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 799	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300799

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 800	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300800

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Parathyroid Gland	Preputial Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney	Pelvis	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 2-13]			
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
[Degeneration TGLS = 1-13.1]			
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate, Dorsal Lobe		Cyst	
		Inflammation	Suppurative, Marked
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 3-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 01 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 800	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300800

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300801

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Pancreas	Pituitary Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Eye	Retina	Atrophy	Mild
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
Mammary Gland		Degeneration	Moderate
Parathyroid Gland		Hyperplasia	Mild
Preputial Gland		Atrophy	Mild
		Infiltration Cellular	Lymphocyte, Minimal
[Atrophy TGLS = 2-6.2]			
[Infiltration Cellular TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 801	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300801

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300802

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Complex	
Coagulating Gland		Degeneration	Moderate
		Inflammation	Suppurative, Marked
Heart		Cardiomyopathy	Minimal
Intestine Small, Duodenum		Sarcoma	
[Sarcoma TGLS = 4-9]			
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Mild
		Eosinophilic Focus	Multiple
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 3-5]			
[Hepatodiaphragmatic Nodule TGLS = 2-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 802	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300802

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe	Inflammation	Suppurative, Minimal
Skin	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-5.2]		
Spleen	Hematopoietic Cell Proliferation	Mild
Thymus		
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 803	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300803

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Eye	Retina	Atrophy	Mild
Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
Intestine Large, Colon		Hyperplasia	Lymphoid, Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Cortex	Cyst	
		Hyperplasia	Tubular, Minimal
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 2-2]			
Liver	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Minimal
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300804

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-6.1]			
Eye	Bilateral, Retina	Atrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Polycystic Kidney	Moderate
[Polycystic Kidney TGLS = 4-2]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
Note: TGL # 01 - NO MICROSCOPIC CORRELATE (LYMPH NODE, HEMAL)			
Note: TGL # 01 - NOTED GROSSLY AS LYMPH NODE WAS LYMPH NODE, HEMAL			
[Degeneration TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Salivary Glands		Hyperplasia	Lymphoid, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 804	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300804

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 6-5]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 05 - No section taken (Tissue NOS)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 823	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300823

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lymph Node, Mandibular	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 5-6.1]			
Epididymis		Degeneration	Mild
		Hypospermia	Mild
		Inflammation	Chronic Active, Mild
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 3-2]			
Lung	Alveolar Epith	Hyperplasia	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Seminal Vesicle		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 823	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300823

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2,4-7+13]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 824	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300824

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
[Hepatodiaphragmatic Nodule TGLS = 4-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-10+10.1]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 3-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Minimal
Seminal Vesicle		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 824	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300824

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 825	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300825

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Coagulat Gl			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Hyperplasia TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 825	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300825

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 842	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300842

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Minimal
Eye	Retina	Atrophy	Mild
Heart		Cardiomyopathy	Moderate
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 6-13.1]			
[Infiltration Cellular TGLS = 6-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Preputial Gland	Parenchym Cell	Degeneration	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 842	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300842

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 2-6.2]			
[Dilatation TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Inflammation	Suppurative, Minimal
Skin		Abscess	Marked
		Inflammation	Suppurative, Marked
[Abscess TGLS = 5-5.2]			
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 04 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300843

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Angiectasis	Mild
		Vacuolization Cytoplasmic	Mild
[Angiectasis TGLS = 3-3]			
[Vacuolization Cytoplasmic TGLS = 3-3]			
Adrenal Medulla		Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Capsule	Fatty Change	
[Fatty Change TGLS = 4-2]			
Liver		Hepatocellular Adenoma	
		Vacuolization Cytoplasmic	Mild
[Hepatocellular Adenoma TGLS = 5-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 843	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300843

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.2]			
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 6-5.2]			
Spleen	Red Pulp	Hyperplasia	Marked
[Hyperplasia TGLS = 2-5]			
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300844

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla	Bilateral	Hyperplasia	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gl			
Note: TGL # 02 - NOTED GROSSLY AS MAMMARY GLAND WAS SKIN			
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Minimal
		Inflammation	Suppurative, Minimal
Seminal Vesicle		Dilatation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 844	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300844

ORGAN AND ACCOUNTABLE SITE STATUS

[Dilatation TGLS = 3-6.1]			
Skin		Angiectasis	Mild
		Cyst Epithelial Inclusion	
		Inflammation	Chronic Active, Minimal
[Angiectasis TGLS = 1-5]			
[Cyst Epithelial Inclusion TGLS = 2-5.2]			
[Inflammation TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300845

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Eye	Bilateral, Retina	Atrophy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-12]			
Liver		Basophilic Focus	
		Cyst	
		Vacuolization Cytoplasmic	Minimal
[Cyst TGLS = 4-5]			
Lung	Alveolar Epith	Hyperplasia	Marked
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 845	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300845

ORGAN AND ACCOUNTABLE SITE STATUS

	Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Skin	Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-5.2]		
Spleen	Hyperplasia	Lymphoid, Mild
	Pigmentation	Moderate
Thymus	Atrophy	Marked
Thyroid Gland	Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300846

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Intermed	Cyst	Multiple
[Cyst TGLS = 3-3]			
[Cyst TGLS = 3-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 846	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300846

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300847

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Pheochromocytoma Benign	
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-6.1]			
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
Liver		Basophilic Focus	
		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 3-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Note: TGL # 01 - NOTED GROSSLY AS MAMMARY GLAND WAS SKIN			
Pancreas	Acinar Cell	Degeneration	Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Fibroma	
[Fibroma TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 847	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300847

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 848	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300848

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mandibular	Nose	Parathyroid Gland
Pituitary Gland	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Inflammation	Chronic, Minimal
Liver		Degeneration	Cystic, Minimal
	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
	Acinar Cell	Hyperplasia	Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 849	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300849

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Nose	Parathyroid Gland	Rete Testes	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Epididymis		Degeneration	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 4-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Hyperplasia	Minimal
Seminal Vesicle		Dilatation	Mild
[Dilatation TGLS = 2-6.1]			
Skin		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild
[Hyperkeratosis TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 849	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300849

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-5.2]		
Spleen	Pigmentation	Moderate
Thymus	Atrophy	Marked
Urinary Bladder	Hemorrhage	Minimal
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 850	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300850

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Parathyroid Gland	Preputial Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Pheochromocytoma Benign	
Eye	Bilateral, Retina	Atrophy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 1-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Pigmentation	Mild
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 851	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300851

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Pituitary Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Mild
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 5-6.1]			
Eye	Bilateral, Retina	Atrophy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 6-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 851	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300851

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.2]			
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Seminal Vesicle		Atrophy	Minimal
[Atrophy TGLS = 4-6.1]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 852	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300852

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Rete Testes	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 3-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Hyperplasia	Mild
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 4-6.1]			
Skin		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Mild
[Inflammation TGLS = 2-5.3]			
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 852	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 748
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300852

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 853	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300853

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 3-3]			
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Cyst	
		Inflammation	Suppurative, Moderate
Sem Ves			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 853	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300853

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 1-5.2]			
[Necrosis TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 854	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300854

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Epididymis	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate, Dorsal Lobe	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

MISSING

Thymus

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Adrenal Medulla		Cyst	
		Pheochromocytoma Complex	
[Cyst TGLS = 5-3]			
[Pheochromocytoma Complex TGLS = 5-3]			
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Coagulating Gland		Hyperplasia	Mild
Epididymis			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Eye	Bilateral, Retina	Atrophy	Mild
Islets, Pancreatic		Adenoma	
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 6-13]			
[Infiltration Cellular TGLS = 6-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 854	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300854

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Mild
Rete Testes		Fibrosis	Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 3-7]			
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 855	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300855

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lymph Node, Mesenteric	Mammary Gland	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Bone Marrow		Hypocellularity	Mild
Eye	Bilateral, Retina	Atrophy	Moderate
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 4-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lung		Cyst	
		Infiltration Cellular	Histiocyte, Minimal
[Cyst TGLS = 2-10.1]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 855	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300855

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe	Inflammation	Suppurative, Mild
Prostate, Ventral Lobe	Hyperplasia	Mild
Spleen	Pigmentation	Mild
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 856	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300856

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4,5-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node	Renal	Degeneration	Cystic, Moderate
	Renal	Hyperplasia	Lymphoid, Marked
	Renal	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Minimal
[Hyperplasia TGLS = 6-13.1]			
Mammary Gland		Degeneration	Marked
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 856	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300856

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	Multiple
[Adenoma TGLS = 7-3]			
[Cyst TGLS = 7-3]			
Preputial Gland	Duct	Dilatation	Mild
		Inflammation	Suppurative, Marked
[Dilatation TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
Thyroid Gland	Follicular Cel	Cyst	
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 06 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 857	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300857

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node, Mandibular	Parathyroid Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Hyperplasia	Lymphoid, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 2-13]			
[Hyperplasia TGLS = 2-13]			
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Marked
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	Multiple
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 857	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300857

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 4-6]			
[Inflammation TGLS = 4-6]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Moderate
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 858	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300858

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Parathyroid Gland	Prostate, Ventral Lobe	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Rete Testes

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Coagulating Gland		Atrophy	Mild
[Atrophy TGLS = 2-6.1]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Mild
	Alveolus	Hyperplasia	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Chronic Active, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Seminal Vesicle		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 858	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300858

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 1-6.1]		
Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 859	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300859

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Liver
Mammary Gland	Nose	Pancreas	Pituitary Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 1-2]			
Lung		Metaplasia	Osseous, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Infiltration Cellular	Mast Cell, Mild
Parathyroid Gland		Hyperplasia	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 2-5.2]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 860	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300860

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node	Nose	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 6-2]			
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
Lymph Node			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE (LYMPH NODE, HEMAL)			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 3-12]			
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 5-3]			
Preputial Gland		Inflammation	Suppurative, Marked
		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 2-6.2+6.3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 860	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300860

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Hyperkeratosis	Minimal
	Epidermis	Hyperplasia	Mild
[Hyperkeratosis TGLS = 1-5]			
[Hyperplasia TGLS = 1-5]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus			
Note: TGL # 04 - NOTED GROSSLY AS THYMUS WAS LYMPH NODE, HEMAL			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 864	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300864

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Coagulating Gland	Epididymis	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Nose	Parathyroid Gland	Pituitary Gland
Preputial Gland	Rete Testes	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Brain	Brain Stem	Astrocytoma Malignant	
	Cerebrum	Astrocytoma Malignant	
[Astrocytoma Malignant TGLS = 5-8]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Renal Tubule	Inflammation	Suppurative, Mild
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 1-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 864	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300864

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 6-6.1]			
Skin		Fibroma	
		Inflammation	Suppurative, Marked
[Fibroma TGLS = 3-5.3]			
[Inflammation TGLS = 2-5.2]			
Spleen		Pigmentation	Marked
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 865	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300865

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Nose	Rete Testes
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hypertrophy	Marked
[Degeneration TGLS = 5-3]			
[Hypertrophy TGLS = 5-3]			
Bone Marrow		Hypocellularity	Moderate
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Renal	Degeneration	Cystic, Marked
	Renal	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 865	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300865

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Moderate
		Inflammation	Suppurative, Minimal
Seminal Vesicle		Atrophy	Mild
[Atrophy TGLS = 2-6.1]			
Skin		Hyperkeratosis	Marked
		Inflammation	Suppurative, Marked
[Hyperkeratosis TGLS = 7-5.3]			
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 877	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300877

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Liver	Nose	Pancreas	Parathyroid Gland
Preputial Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Lung	Pleura	Fibrosis	Minimal
	Pleura	Hyperplasia	Minimal
	Pleura	Inflammation	Chronic, Minimal
[Fibrosis TGLS = 2-10]			
[Hyperplasia TGLS = 2-10]			
[Inflammation TGLS = 2-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Degeneration	Marked
Pituitary Gland	Pars Distalis	Cyst	Multiple
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Mild
Skin		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 878	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300878

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Adrenal Medulla		Hyperplasia	Moderate
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 1,4-2]			
Liver		Eosinophilic Focus	
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 2-9.1]			
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Chronic Active, Mild
[Inflammation TGLS = 3-5]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 879	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300879

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Mammary Gland	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Coagulating Gland	Parathyroid Gland		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Liver		Cyst	
		Eosinophilic Focus	Multiple
	Bile Duct	Hyperplasia	Minimal
[Cyst TGLS = 2-5]			
[Eosinophilic Focus TGLS = 2-5]			
[Hyperplasia TGLS = 2-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Mild
Nose		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 879	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300879

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Moderate
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked
Thyroid Gland		Cyst	Squamous
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 880	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300880

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Pheochromocytoma Benign	
Eye	Retina	Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Moderate
[Degeneration TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Degeneration	Marked
		Inflammation	Suppurative, Moderate
[Degeneration TGLS = 2-6]			
[Inflammation TGLS = 2-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 880	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300880

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 881	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300881

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Parathyroid Gland	Prostate
Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Harderian Gland		Infiltration Cellular	Lymphocyte, Mild
Kidney			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Liver		Basophilic Focus	
	Biliar Tract	Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 4-12]			
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Seminal Vesicle		Dilatation	Mild
Skin		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 881	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300881

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Moderate
		Keratoacanthoma	
[Cyst TGLS = 3-5.2]			
[Inflammation TGLS = 1-5.4]			
[Keratoacanthoma TGLS = 2-5.3]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 882	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300882

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular	Lymph Node, Mesenteric
Nose	Parathyroid Gland	Prostate	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
	Myeloid Cell	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
Liver		Clear Cell Focus	
	Biliar Tract	Fibrosis	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Degeneration	Moderate
		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.3]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 3-6.2]			
Skin		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 882	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300882

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 883	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300883

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Pheochromocytoma Benign	
Eye	Bilateral, Retina	Atrophy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Moderate
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 1-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 883	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300883

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
[Inflammation TGLS = 2-6]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 884	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300884

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Lymph Node, Mesenteric
Nose	Preputial Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Minimal
[Nephropathy TGLS = 1-2]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Marked
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 2-5]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 884	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300884

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 885	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300885

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 1-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 2-6.2]			
[Inflammation TGLS = 2-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 885	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300885

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Moderate
Spleen		Pigmentation	Mild
Stomach, Forestomach	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLS = 4-9]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 886	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300886

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Rete Testes	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Mild
		Basophilic Focus	
	Capsule	Fibrosis	Mild
	Bile Duct	Hyperplasia	Minimal
	Capsule	Inflammation	Chronic, Minimal
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Mild
[Fibrosis TGLS = 4-5]			
[Inflammation TGLS = 4-5]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Marked
	Mediastinal	Infiltration Cellular	Plasma Cell, Marked
[Infiltration Cellular TGLS = 5-13]			
[Infiltration Cellular TGLS = 6-13.1]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 2-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 886	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300886

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Marked
[Inflammation TGLS = 7-9.1]			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
Seminal Vesicle		Fibrosis	Mild
		Inflammation	Chronic, Minimal
[Fibrosis TGLS = 3-6.1]			
[Inflammation TGLS = 3-6.1]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 887	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300887

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Pancreas	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adren Medulla			
Note: TGL # 03 - NOTED GROSSLY AS ADRENAL GLAND WAS LYMPH NODE, RENAL			
Adrenal Cortex		Accessory Adrenal Cortical Nodule	
Note: TGL # 03 - NOTED GROSSLY AS ADRENAL GLAND WAS LYMPH NODE, RENAL			
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
	Myeloid Cell	Hyperplasia	Mild
Eye	Bilateral, Retina	Atrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
[Cyst TGLS = 7-2]			
Liver		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Osseous, Minimal
[Metaplasia TGLS = 6-10]			
Lymph Node	Renal	Degeneration	Cystic, Marked
	Renal	Fibrosis	Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
	Renal	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-3]			
[Fibrosis TGLS = 3-3]			
[Infiltration Cellular TGLS = 4-13]			
[Infiltration Cellular TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 887	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300887

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Parathyroid Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 888	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300888

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Stomach, Forestomach	Stomach, Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Mild
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Chronic Active, Moderate
Pros, Ven Lobe			
Note: TGL # 01 - No Microscopic Correlate			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-6]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 888	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300888

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 889	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300889

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Nose	Parathyroid Gland
Preputial Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
Int Sm Duoden			
Note: TGL # 05 - NOTED GROSSLY AS INTESTINE SMALL, DUODENUM WAS PANCREAS			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Degeneration	Cystic, Minimal
		Inflammation	Chronic Active, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
		Polyarteritis	Marked
[Polyarteritis TGLS = 5-9]			
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Adenoma TGLS = 3-3]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 889	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300889

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle	Dilatation	Mild
[Dilatation TGLS = 1-6.1]		
Spleen	Pigmentation	Marked
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 890	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300890

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Chronic Active, Marked
		Nephropathy	Chronic, Mild
[Inflammation TGLS = 2-2]			
Liver		Inflammation	Chronic Active, Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 891	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300891

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Metaplasia	Osseous, Moderate
		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 3-2]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
[Degeneration TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Mild
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 891	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300891

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Hemorrhage	Mild
		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Hemorrhage TGLS = 1-5]			
[Inflammation TGLS = 1-5]			
[Necrosis TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 892	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300892

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mandibular	Nose	Parathyroid Gland	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Spleen
Stomach, Forestomach	Stomach, Glandular	Testes	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Liver		Clear Cell Focus	Multiple
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Marked
	Duct	Dilatation	Moderate
		Inflammation	Suppurative, Marked
[Degeneration TGLS = 3,4-6.2]			
[Dilatation TGLS = 3,4-6.2]			
[Inflammation TGLS = 3,4-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Fibroma	
		Hyperkeratosis	Mild
	Epidermis	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 892	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300892

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroma TGLS = 2-5.2]		
[Hyperkeratosis TGLS = 1-5]		
[Hyperplasia TGLS = 1-5]		
Thymus	Atrophy	Marked
Thyroid Gland	Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 893	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300893

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Lymph Node, Mandibular
Nose	Parathyroid Gland	Prostate, Dorsal Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Moderate
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			
Prostate, Ventral Lobe		Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Skin			
Note: TGL # 03 - NO SECTION TAKEN			
Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 893	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300893

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 894	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Epididymis
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Preputial Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Coagulating Gland		Developmental Malformation	
[Developmental Malformation TGLS = 2-6.1]			
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Popliteal	Hyperplasia	Lymphoid, Mild
	Popliteal	Infiltration Cellular	Plasma Cell, Mild
[Hyperplasia TGLS = 4-13]			
[Infiltration Cellular TGLS = 4-13]			
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-5]			
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 894	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300894

ORGAN AND ACCOUNTABLE SITE STATUS

[Degeneration TGLS = 1-13.1]		
Thymus	Atrophy	Marked
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 895	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lymph Node, Mandibular
Lymph Node, Mesenteric	Nose	Parathyroid Gland	Pituitary Gland
Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Moderate
		Vacuolization Cytoplasmic	Minimal
Eye	Retina	Atrophy	Mild
Heart		Metaplasia	Osseous, Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 1-2]			
Lung		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Mild
Thymus	Epithel Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 896	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Lymph Node, Mesenteric	Nose	Pancreas
Parathyroid Gland	Prostate	Prostate, Dorsal Lobe	Prostate, Ventral Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Eye	Bilateral, Retina	Atrophy	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2,3-2]			
Liver		Angiectasis	Mild
		Basophilic Focus	Multiple
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Pigmentation	Minimal
[Angiectasis TGLS = 4-5]			
[Basophilic Focus TGLS = 4-5]			
[Degeneration TGLS = 4-5]			
[Hyperplasia TGLS = 4-5]			
[Pigmentation TGLS = 4-5]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 896	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300896

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Cyst	
	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Stomach, Forestomach		Hyperplasia	Mild
[Hyperplasia TGLS = 5-9]			
Testes	Seminif Tub	Degeneration	Marked
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 897	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular
Pancreas	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Epididymis		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
		Inflammation	Chronic, Minimal
[Cyst TGLS = 1-2]			
[Fatty Change TGLS = 3-2]			
[Inflammation TGLS = 3-2]			
Liver		Angiectasis	Mild
[Angiectasis TGLS = 4-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 897	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300897

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Ventral Lobe	Infiltration Cellular	Lymphocyte, Minimal
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 898	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Parathyroid Gland
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Angiectasis	Mild
Adrenal Medulla		Pheochromocytoma Benign	
[Pheochromocytoma Benign TGLS = 2-3]			
Eye	Bilateral, Retina	Atrophy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Moderate
[Cyst TGLS = 3-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Minimal
[Fibrosis TGLS = 6-5]			
[Hyperplasia TGLS = 6-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 898	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300898

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Degeneration	Mild
Skin		Lipoma	
[Lipoma TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thymus			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 5-3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 899	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Nose	Pancreas	Parathyroid Gland
Rete Testes	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Eye	Bilateral, Retina	Atrophy	Minimal
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 2-2]			
Liver	Biliar Tract	Fibrosis	Minimal
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Lung	Artery	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Minimal
[Adenoma TGLS = 3-3]			
Preputial Gland		Abscess	Marked
[Abscess TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 899	**TRT#:** 11	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300899

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Acinar Cell	Hyperplasia	Mild
Sem Ves			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 04 - Noted grossly as Tissue NOS was Seminal Vesicle

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 900	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Mammary Gland	Nose	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Bone Marrow	Erythroid Cell	Hyperplasia	Mild
	Myeloid Cell	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 3-2]			
Liver		Degeneration	Cystic, Mild
[Degeneration TGLS = 7-5]			
Lung			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 2-13]			
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 900	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300900

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-6]			
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Mild
[Infiltration Cellular TGLS = 1-6]			
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 5-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 901	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Parathyroid Gland	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Mild
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Intestine Small, Ileum		Adenocarcinoma	
[Adenocarcinoma TGLS = 2-9.1]			
Kidney		Nephropathy	Chronic, Mild
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 1-12]			
[Hyperplasia TGLS = 1-12]			
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Suppurative, Moderate
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Degeneration	Mild
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 901	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300901

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

Animal Note: TGL # 02 - Noted grossly as Intestine Large was Int. Small Ileum

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 902	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Parathyroid Gland	Prostate, Dorsal Lobe
Rete Testes	Salivary Glands	Seminal Vesicle	Stomach, Forestomach
Stomach, Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 2-13]			
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
		Pigmentation	Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Moderate
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 902	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300902

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Minimal
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 903	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric	Nose
Parathyroid Gland	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Testes
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Medulla		Pheochromocytoma Benign	
Brain			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE (CEREBELLUM)			
Eye	Bilateral, Retina	Atrophy	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Congestion	Moderate
		Nephropathy	Chronic, Mild
[Congestion TGLS = 2-2]			
[Nephropathy TGLS = 2-2]			
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Cyst	
[Adenoma TGLS = 3-3]			
[Cyst TGLS = 3-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 903	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300903

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 904	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Lymph Node, Mesenteric	Nose	Pancreas	Parathyroid Gland
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Marked
[Nephropathy TGLS = 2-2]			
Liver		Angiectasis	Mild
		Infiltration Cellular	Lymphocyte, Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Minimal
[Angiectasis TGLS = 4-5]			
[Infiltration Cellular TGLS = 4-5]			
[Inflammation TGLS = 4-5]			
[Necrosis TGLS = 4-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Degeneration	Marked
Pituitary Gland	Pars Distalis	Adenoma	Multiple
[Adenoma TGLS = 3-3]			
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Marked
[Dilatation TGLS = 1-6.2]			
[Inflammation TGLS = 1-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 904	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300904

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
		Pigmentation	Moderate
Testes		Polyarteritis	Mild
Thymus		Atrophy	Marked
Thyroid Gland	Follicular Cel	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 905	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 749
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mesenteric	Nose	Pituitary Gland	Prostate, Ventral Lobe
Salivary Glands	Seminal Vesicle	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Rete Testes

OBSERVATIONS

Coagulat Gl			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Epididymis		Degeneration	Mild
		Hypospermia	Marked
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Mammary Gland		Degeneration	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Minimal
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Spleen		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 1-7]			
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 906	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric	Mammary Gland
Nose	Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Adenoma	
		Vacuolization Cytoplasmic	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Mild
[Angiectasis TGLS = 2,3-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Inguinal	Hyperplasia	Lymphoid, Moderate
	Inguinal	Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 5-13]			
[Infiltration Cellular TGLS = 5-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gl			
Note: TGL # 05 - NOTED GROSSLY AS MAMMARY GLAND WAS LYMPH NODE, INGUINAL			
Pancreas		Accessory Spleen	
	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Abscess	Marked
	Parenchym Cell	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 906	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 747
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300906

ORGAN AND ACCOUNTABLE SITE STATUS

	Duct	Dilatation	Moderate
[Abscess TGLS = 4-6.2]			
[Degeneration TGLS = 4-6.2]			
[Dilatation TGLS = 4-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 1-5.2]			
[Necrosis TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 920	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Coagulating Gland	Epididymis	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lymph Node, Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate, Ventral Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
Adrenal Medulla		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 4-8]			
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
	Capsule	Fatty Change	
		Nephropathy	Chronic, Minimal
[Fatty Change TGLS = 7-2]			
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 2-13.1]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Degeneration TGLS = 3-13]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 920	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300920

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-3]			
Preputial Gland	Parenchym Cell	Degeneration	Mild
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 921	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Mammary Gland	Nose
Prostate, Ventral Lobe	Rete Testes	Salivary Glands	Seminal Vesicle
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Eye

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Marked
Adrenal Medulla		Vacuolization Cytoplasmic	Mild
Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 4-2]			
Lacrimal Gland		Degeneration	Marked
		Ectopic Harderian	
		Infiltration Cellular	Lymphocyte, Mild
[Degeneration TGLS = 1-13]			
[Ectopic Harderian TGLS = 1-13]			
[Infiltration Cellular TGLS = 1-13]			
Liver			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
	Pancreatic	Infiltration Cellular	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 921	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300921

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 05 - NO MICROSCOPIC CORRELATE (LYMPH NODE, RENAL)
[Hyperplasia TGLS = 3-13.2]
[Infiltration Cellular TGLS = 2-13.1]
[Infiltration Cellular TGLS = 3-13.2]

Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Preputial Gland	Parenchym Cell	Degeneration	Marked
		Inflammation	Suppurative, Marked
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 6-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked
Thyroid Gland		Vacuolization Cytoplasmic	Moderate
Urethra		Congestion	Mild
[Congestion TGLS = 7-13.4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 922	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Prostate, Ventral Lobe	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Cortex		Vacuolization Cytoplasmic	Moderate
Harderian Gland		Infiltration Cellular	Lymphocyte, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Ectopic Harderian	
[Ectopic Harderian TGLS = 3-13]			
Liver	Biliar Tract	Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 2-12]			
[Infiltration Cellular TGLS = 2-12]			
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Skin		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 922	**TRT#:** 13	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300922

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Minimal
Thymus		Atrophy	Marked
Thyroid Gland		Vacuolization Cytoplasmic	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 923	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Epididymis	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Nose	Parathyroid Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Kidney	Cortex	Cyst	
	Pelvis	Hyperplasia	Minimal
	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 5-2]			
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mediastinal	Hyperplasia	Lymphoid, Mild
[Hyperplasia TGLS = 2-13]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Preputial Gland	Parenchym Cell	Degeneration	Minimal
		Infiltration Cellular	Lymphocyte, Mild
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Prostate, Ventral Lobe		Hyperplasia	Minimal
Sem Ves			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 923	**TRT#:** 12	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300923

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 01 - NO MICROSCOPIC CORRELATE		
Skin	Inflammation	Suppurative, Marked
[Inflammation TGLS = 3-5]		
Spleen	Pigmentation	Moderate
Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 924	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 753
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Rete Testes
Salivary Glands	Seminal Vesicle	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Vacuolization Cytoplasmic	Mild
Epididymis		Degeneration	Mild
		Hypospermia	Marked
[Degeneration TGLS = 6-6.2]			
[Hypospermia TGLS = 6-6.2]			
Harderian Gland		Degeneration	Minimal
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Note: TGL # 05 & 08 - NO MICROSCOPIC CORRELATE			
Liver		Angiectasis	Mild
		Hemorrhage	Mild
[Angiectasis TGLS = 3-5]			
[Hemorrhage TGLS = 3-5]			
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Mild
[Hyperplasia TGLS = 7-10]			
[Infiltration Cellular TGLS = 7-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 924	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 753
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300924

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-3]			
Prostate, Dorsal Lobe		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Skin	Dermis	Fibrosis	Marked
[Fibrosis TGLS = 1-5.2]			
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-7]			
Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 925	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Nose	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Capsule	Fatty Change	
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Mild
		Hyperplasia	Mast Cell, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Mild
Prostate, Ventral Lobe		Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Rete Testes		Dilatation	Moderate
Skin		Inflammation	Suppurative, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Testes	Seminif Tub	Degeneration	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 925	**TRT#:** 14	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300925

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 926	**TRT#:** 9	**SEX:** Male	**DAY ON TEST:** 753
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Coagulating Gland	Epididymis	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Nose	Parathyroid Gland
Pituitary Gland	Prostate, Dorsal Lobe	Rete Testes	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Minimal
Lung	Artery	Mineralization	Mild
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Ventral Lobe		Infiltration Cellular	Lymphocyte, Minimal
Testes	Seminif Tub	Degeneration	Minimal
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 929	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Coagulating Gland	Epididymis
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Pancreas	Pituitary Gland	Prostate, Ventral Lobe	Salivary Glands
Seminal Vesicle	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node, Mandibular	Thymus

OBSERVATIONS

Adrenal Cortex		Atrophy	Marked
	Capsule	Fibrosis	Mild
		Vacuolization Cytoplasmic	Minimal
[Atrophy TGLS = 3-3]			
[Fibrosis TGLS = 3-3]			
[Vacuolization Cytoplasmic TGLS = 3-3]			
Adrenal Medulla		Hyperplasia	Minimal
Eye	Bilateral, Retina	Atrophy	Mild
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Minimal
[Cyst TGLS = 2-2]			
Lung		Infiltration Cellular	Lymphocyte, Minimal
		Metaplasia	Osseous, Minimal
	Artery	Mineralization	Minimal
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Marked
[Hyperplasia TGLS = 1-13]			
[Infiltration Cellular TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 929	**TRT#:** 10	**SEX:** Male	**DAY ON TEST:** 752
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300929

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
Parathyroid Gland	Bilateral	Hyperplasia	Mild
Preputial Gland		Infiltration Cellular	Lymphocyte, Minimal
Prostate, Dorsal Lobe		Inflammation	Suppurative, Minimal
Rete Testes		Dilatation	Minimal
Skin		Inflammation	Suppurative, Marked
		Necrosis	Mild
[Inflammation TGLS = 5-5.2]			
[Necrosis TGLS = 5-5.2]			
Spleen		Hyperplasia	Lymphoid, Minimal
Testes	Seminif Tub	Degeneration	Moderate

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 04 - No Section taken (Mesentery)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 930	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 753
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder

OBSERVATIONS

Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 7-8]			
Coagulating Gland		Atrophy	Marked
Epididymis		Atrophy	Marked
		Hypospermia	Marked
[Atrophy TGLS = 3-6.2]			
[Hypospermia TGLS = 3-6.2]			
Kidney	Cortex	Cyst	
		Nephropathy	Chronic, Mild
[Cyst TGLS = 5-2]			
Lymph Node, Mandibular		Degeneration	Cystic, Marked
		Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 4-12]			
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Degeneration	Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Preputial Gland	Duct	Dilatation	Marked
		Inflammation	Suppurative, Moderate
[Dilatation TGLS = 1-6.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 930	**TRT#:** 8	**SEX:** Male	**DAY ON TEST:** 753
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300930

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-6.2]			
Prostate, Dorsal Lobe		Inflammation	Suppurative, Moderate
Prostate, Ventral Lobe		Degeneration	Mild
		Inflammation	Suppurative, Moderate
Rete Testes		Dilatation	Minimal
Seminal Vesicle		Atrophy	Marked
[Atrophy TGLS = 6-6.1]			
Spleen		Pigmentation	Moderate
Testes	Seminif Tub	Degeneration	Marked
[Degeneration TGLS = 2-13]			
Thymus		Hyperplasia	Lymphoid, Marked
Thyroid Gland		Cyst	Squamous

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 18	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 111
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mandibular	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Heart	Atrium Rgt	Dilatation	Moderate
[Dilatation TGLS = 2-1]			
Kidney	Renal Tubule	Mineralization	Mild
Liver		Congestion	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6.1]			
Vagina		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Heart Atrium Rgt Dilatation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 224
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mesenteric	Mammary Gland
Nose	Ovary	Oviduct	Pancreas
Pituitary Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Parathyroid Gland

OBSERVATIONS

Adren Cortex			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Adren Medulla			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Esophagus			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Int Sm Ileum			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Int Sm Jejunum			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Kidney	Renal Tubule	Mineralization	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
		Polyarteritis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Parathyroid Gl			
Note: PATHOLOGIST NOTED: CUT AWAY			
Skin		Sarcoma	
[Sarcoma TGLS = 1-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 40	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 224
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300040

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-5]		
Thyroid Gl		
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)		
Trachea		
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)		

PRIMARY CAUSE OF DEATH - Skin Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 51	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 268
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Angiectasis	Mild
Int Lg Colon			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Kidney	Renal Tubule	Mineralization	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 56	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 325
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Mammary Gland	Ovary	Oviduct	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Kidney	Renal Tubule	Mineralization	Mild
Liver			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Nose		Inflammation	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Spleen	Lymphocyte	Atrophy	Moderate
		Pigmentation	Moderate
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 57	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 330
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Mammary Gland	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Accessory Adrenal Cortical Nodule	
		Angiectasis	Minimal
		Infarct	Moderate
[Infarct TGLS = 2-3.1]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephroblastoma	
[Nephroblastoma TGLS = 1-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Hemorrhage	Minimal
		Inflammation	Granulomatous, Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5]			
Vagina		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephroblastoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 331
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mandibular
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adren Cortex
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)
Adren Medulla
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)
Blood Vessel
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 1A(1.1)
Esophagus
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)
Int Sm Ileum
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9
Int Sm Jejunum
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9

Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	

[Fibroadenoma TGLS = 1-13]
Parathyroid Gl
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)
Skin

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 58	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 331
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300058

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND
Thyroid Gl
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)
Trachea
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

Animal Note: Pathologist noted: Located on slide # 9 (Intestine Large, rectum)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 60	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 345
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Brain	Brain Stem	Compression	Moderate
Eye			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Nose	Nasolacrim Dct	Inflammation	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Spleen		Pigmentation	Mild
Thyroid Gland		Cyst	Squamous, Minimal
Vagina		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 62	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 359
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Lymph Node, Mandibular	Mammary Gland
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-13]			
Spleen		Pigmentation	Mild
Thyroid Gland		Cyst	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 367
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adren Medulla			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Adrenal Cortex		Degeneration	Cystic, Minimal
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Clitoral Gl			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 6A(6.1)			
Esophagus			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Int Sm Ileum			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Int Sm Jejunum			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Mammary Gland		Adenocarcinoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 1-13]			
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 66	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 367
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300066

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PATHOLOGIST NOTED: LCOATED ON SLIDE # 3A(3.1)			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-5]			
Thyroid Gl			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Trachea			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 3A(3.1)			
Vagina		Keratin Cyst	Mild
[Keratin Cyst TGLS = 3-6.1]			
PRIMARY CAUSE OF DEATH	- Mammary Gland Adenocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 68	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 376
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node, Mandibular	Nose	Oviduct
Pancreas	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Vagina	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Clitoral Gl			
Note: PATHOLOGIST NOTED: OBSCURED BY MASS			
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-13]			
Ovary		Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Diffuse, Mild
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 2-6.1]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 91	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 401
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Mammary Gland
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Uterus

OBSERVATIONS

Adrenal Cortex		Angiectasis	Mild
Adrenal Medulla		Hyperplasia	Focal, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Epithelium, Pelvis	Hyperplasia	Mild
		Inflammation	Mild
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 1-2]			
[Inflammation TGLS = 2-2]			
Liver		Hematopoietic Cell Proliferation	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Cyst	
[Cyst TGLS = 4-6]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland		Cyst	Squamous, Mild
Urinary Bladder		Hyperplasia	Moderate
		Inflammation	Minimal
[Hyperplasia TGLS = 3-2]			
Vagina		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 408
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Esophagus	Intestine Large, Cecum	Intestine Large, Rectum	Skin
Stomach, Forestomach	Stomach, Glandular		

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Pancreas	Vagina	

OBSERVATIONS

Adrenal Cortex		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-3.1]			
Adrenal Medulla		Leukemia Mononuclear	
Brain	Cerebrum	Leukemia Mononuclear	
Clitoral Gland		Leukemia Mononuclear	
Eye	Lens	Cataract	Moderate
		Leukemia Mononuclear	
Harderian Gland		Leukemia Mononuclear	
Heart		Cardiomyopathy	Minimal
Intestine Large, Colon		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
	Renal Tubule	Mineralization	Minimal
Liver		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 6-5]			
Lung		Leukemia Mononuclear	
Lymph Node, Mandibular		Leukemia Mononuclear	
Lymph Node, Mesenteric		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-9.1]			
Mammary Gland		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-5.1]			
Nose		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 93	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 408
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300093

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Leukemia Mononuclear
Oviduct	Leukemia Mononuclear
Pituitary Gland	Leukemia Mononuclear
Salivary Glands	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 2-12]	
Spleen	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 3-5.2]	
Thymus	Leukemia Mononuclear
[Leukemia Mononuclear TGLS = 7-1]	
Thyroid Gland	Leukemia Mononuclear
Trachea	Leukemia Mononuclear
Urinary Bladder	Leukemia Mononuclear
Uterus	Leukemia Mononuclear

PRIMARY CAUSE OF DEATH - Spleen Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 94	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 410
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Liver	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
[Degeneration TGLS = 4-3.1]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6,7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Cyst	
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin		Fibroma	
[Fibroma TGLS = 1-5.1]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Metaplasia	Mild
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - Skin Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 96	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 418
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Eye			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: PATHOLOGIST NOTED: TGL # 1 ALSO LOCATED ON SLIDE # 8 [Adenoma TGLS = 1-3,8]			
Spleen		Pigmentation	Minimal
Uterus		Metaplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 97	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 423
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node, Mesenteric	Nose	Oviduct
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Mild
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.1]			
Ovary		Atrophy	Mild
Skin			
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Uterus		Metaplasia	Mild
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 98	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 425
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Intestine Small, Duodenum

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 3-2]			
Liver		Cholangioma	
		Clear Cell Focus	
[Cholangioma TGLS = 1-5.1]			
Lymph Node, Mandibular		Hemorrhage	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen		Pigmentation	Mild
Thymus		Hemorrhage	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 436
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Brain - Brain Stem	Brain - Cerebellum
Esophagus	Intestine Small, Jejunum	Islets, Pancreatic	Oviduct
Skin	Stomach, Glandular	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 12-3]			
Bone Marrow		Leukemia Granulocytic	
Bone, Femur		Hyperostosis	Mild
Brain	Cerebrum	Leukemia Granulocytic	
Clitoral Gland	Parenchym Cell	Degeneration	Minimal
		Leukemia Granulocytic	
[Degeneration TGLS = 1-6.1]			
Heart		Leukemia Granulocytic	
Intestine Large, Cecum		Leukemia Granulocytic	
Intestine Large, Colon		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 11-9]			
Intestine Small, Duodenum		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 10-9]			
Intestine Small, Ileum		Leukemia Granulocytic	
Kidney		Accumulation, Hyaline Droplet	Moderate
		Leukemia Granulocytic	
	Renal Tubule	Mineralization	Mild
[Leukemia Granulocytic TGLS = 3-2+2.1]			
Liver		Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 4-5.1]			
Lung		Leukemia Granulocytic	
Lymph Node	Lumbar	Leukemia Granulocytic	
[Leukemia Granulocytic TGLS = 7-13]			
Lymph Node, Mandibular		Leukemia Granulocytic	
Lymph Node, Mesenteric		Leukemia Granulocytic	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 436
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300101

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Granulocytic TGLS = 9-9.1]	
Mammary Gland	Leukemia Granulocytic
Nose	Leukemia Granulocytic
Ovary	Leukemia Granulocytic
Pancreas	Leukemia Granulocytic
Parathyroid Gland	Leukemia Granulocytic
Pituitary Gland	Leukemia Granulocytic
[Leukemia Granulocytic TGLS = 5-3]	
Salivary Glands	Leukemia Granulocytic
Spleen	Leukemia Granulocytic
[Leukemia Granulocytic TGLS = 2-5]	
Stomach, Forestomach	Leukemia Granulocytic
Thymus	Leukemia Granulocytic
[Leukemia Granulocytic TGLS = 6-1]	
Thyroid Gland	Leukemia Granulocytic
Trachea	Leukemia Granulocytic
Urin Bladder	
Note: TGL # 08 - NO MICROSCOPIC CORRELATE	
Uterus	Leukemia Granulocytic
Vagina	Leukemia Granulocytic
PRIMARY CAUSE OF DEATH	- Spleen Leukemia Granulocytic

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 439
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Esophagus	Intestine Large, Colon	Intestine Small, Duodenum
Islets, Pancreatic	Mammary Gland	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

AUTO PRECLUDES DIAG.

Intestine Large, Cecum	Intestine Small, Ileum	Intestine Small, Jejunum

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Bone Marrow		Histiocytic Sarcoma	
Brain	Cerebrum	Histiocytic Sarcoma	
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 4-6.1]			
Heart		Histiocytic Sarcoma	
Kidney	Renal Tubule	Mineralization	Mild
Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 1-5.1]			
Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5-10]			
Lymph Node, Mandibular		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 6-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Nose		Histiocytic Sarcoma	
Ovary		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 3-6]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-5]			
Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 439
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300102

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 451
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Clitoral Gland	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Minimal
	Cerebrum	Hydrocephalus	Minimal
[Compression TGLS = 2-8]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Thymus		Atrophy	Mild
Vagina		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 465
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Lymph Node, Mandibular	Nose	Ovary	Oviduct
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Pancreas	Acinar Cell	Degeneration	Minimal
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 507
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Nose	Oviduct	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
Clitoral Gland		Inflammation	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 3-5.1]			
Ovary		Cyst	
[Cyst TGLS = 2-6]			
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Skin			
Note: TGL # 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Thyroid Gland	Follicular Cel	Atrophy	Mild
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 507
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300122

ORGAN AND ACCOUNTABLE SITE STATUS

	Cervix, Muscularis	Hypertrophy
[Hypertrophy TGLS = 1-6.1]		
Vagina		Sarcoma Stromal
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 486
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 5 ON SLIDE # 10A(10.1)			
[Infiltration Cellular TGLS = 5-10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 6-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Nose		Inflammation	Minimal
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 1-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin		Lipoma	
[Lipoma TGLS = 3-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 486
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300124

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Minimal
Uterus	Angiectasis	Minimal
	Metaplasia	Minimal
[Angiectasis TGLS = 2-6.1]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 512
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Heart		Inflammation	Mild
Kidney	Renal Tubule	Mineralization	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Lactation	Mild
[Lactation TGLS = 1-5]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-13]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 514
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Oviduct	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Mild
Clitoral Gl			
Note: TGL # 01 - NOTED GROSSLY AS CLITORAL GLAND WAS MAMMARY GLAND			
Note: PATHOLOGIST NOTED: OBSCURED BY MAMMARY TUMOR			
Islets Panc			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 5A(5.1)			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-6.2]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 5A(5.1)			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-5.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 514
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300127

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 6A(6.1)

PRIMARY CAUSE OF DEATH - Mammary Gland Adenocarcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 514
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mandibular	Nose	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
[Degeneration TGLS = 4-3]			
Clitoral Gl			
Note: TGL # 06 - NOTED GROSSLY AS CLITORAL GLAND WAS MAMMARY GLAND			
Note: PATHOLOGIST NOTED: OBSCURED BY MAMMARY GLAND TUMOR			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,6-5+6.2]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Minimal
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 5-5.3]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 3-5.2]			
Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 514
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300128

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 517
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mandibular
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Clitoral Gland		Inflammation	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Nose		Inflammation	Minimal
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 2-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 3-5.1]			
Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 520
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 1-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Kidney	Renal Tubule	Mineralization	Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Liver		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 3-5.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 8-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 4-5]			
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 6-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 520
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300130

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 04 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Mild
Stomach, Glandular		Erosion	Minimal
Thymus			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Vagina		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 520
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Bone, Tibia		Malformation	
[Malformation TGLS = 2-13]			
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 4-8]			
Clitoral Gland		Inflammation	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 3-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 528
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Adrenal Medulla

OBSERVATIONS

Adren Medulla			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 2-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.2]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 528
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300134

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 534
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Ileum	Islets, Pancreatic
Kidney	Liver	Lung	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

AUTO PRECLUDES DIAG.

Intestine Small, Duodenum	Intestine Small, Jejunum		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 2-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 4-9]			
Mammary Gland		Lactation	Mild
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Spleen	Lymphocyte	Atrophy	Moderate
		Pigmentation	Mild
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 538
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Small, Duodenum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Intestine Large, Colon

AUTO PRECLUDES DIAG.

Intestine Small, Ileum	Intestine Small, Jejunum		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 8-8]			
Eye			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Int Lg Colon			
Note: PATHOLOGIST NOTED: TISSUE ROTTEN			
Kidney		Cyst	
		Inflammation	Mild
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 7-2]			
Lymph Node, Mandibular		Hemorrhage	Mild
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 10-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 9-9]			
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 538
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300137

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1,4-5.2+5.3]			
Ovary		Atrophy	Mild
Pancreas			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin			
Note: TGL # 01 & 04 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Note: TGL # 05 - NO SECTION TAKEN			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Minimal
		Metaplasia	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: Pathologist noted: Normal Lymph Node located on slide #5A

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 540
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Lung	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

AUTO PRECLUDES DIAG.

Intestine Small, Ileum

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 13-8]			
Heart		Cardiomyopathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 6-5.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 7-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 12-9]			
Mammary Gland		Atypical Focus	
		Galactocele	Mild
		Lactation	Mild
[Galactocele TGLS = 1,2,3,4,5-5.2+5.3+5.4+5.5+13]			
Nose	Nasolacrim Dct	Inflammation	Mild
		Inflammation	Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 540
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300145

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 01, 02, 03, & 04 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 10,11-5.6+5.7]			
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 8-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL # 05 - Noted grossly as Lymph Node, Inguinal was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 543
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Tongue
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lymph Node	Thoracic	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Moderate
[Fibroadenoma TGLS = 2-5.1]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 6-5.2]			
Thyroid Gland		Cyst	Squamous, Minimal
Tongue			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Nose	Oviduct	Pancreas	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Vagina		

MISSING

Esophagus	Parathyroid Gland	Thymus	Thyroid Gland

OBSERVATIONS

Esophagus			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
[Cyst TGLS = 10-2]			
Liver			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 3,6,7,8,9-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 4-3]			
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 545
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300149

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED		
Thyroid Gl		
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED		
Uterus	Hyperplasia	Cystic, Minimal
	Metaplasia	Minimal
[Hyperplasia TGLS = 5-6.1]		

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 550
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-5]			
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 152	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 550
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300152

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Minimal
Vagina	Inflammation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node	Mammary Gland
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hematopoietic Cell Proliferation	Minimal
[Degeneration TGLS = 4-3]			
Adrenal Medulla		Infiltration Cellular	Eosinophil, Moderate
Clitoral Gland		Inflammation	Mild
Kidney		Accumulation, Hyaline Droplet	Moderate
		Histiocytic Sarcoma	
	Renal Tubule	Mineralization	Minimal
Liver		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 5,10,11,12,13-5.2+5.1]			
Lung		Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 7-10]			
Lymph Node			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE (LYMPH NODE, HEMAL)			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gl			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 12			
Ovary		Atrophy	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 9-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 153	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 551
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300153

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 8-13]		
Skin	Histiocytic Sarcoma	
[Histiocytic Sarcoma TGLS = 14-5]		
Spleen	Hematopoietic Cell Proliferation	Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE		
Thymus	Atrophy	Minimal
Note: TGL # 06 - NOTED GROSSLY AS THYMUS WAS LYMPH NODE, HEMAL		
Thyroid Gland	Cyst	Squamous, Minimal
Uterus	Hyperplasia	Cystic, Minimal
	Metaplasia	Mild
[Hyperplasia TGLS = 1,2-6.1]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Animal Note: COD...Proabable - Liver, Histio Sarcoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 163	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 560
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Spleen	Lymphocyte	Atrophy	Minimal
		Pigmentation	Moderate
Thymus		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 565
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Adrenal Medulla	Parathyroid Gland

OBSERVATIONS

Adren Medulla			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 6-8]			
Int Lg Colon			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 3-13]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 174	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 565
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300174

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen		Pigmentation	Moderate
Uterus			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL # 03 - Noted grossly as Lymph Node, Axillary was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 565
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Uterus	Vagina	

MISSING

Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Bone Marrow		Hypocellularity	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
	Alveolus	Hyperplasia	Mild
		Lactation	Mild
[Adenocarcinoma TGLS = 1-5.1]			
Ovary		Angiectasis	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 175	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 565
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300175

ORGAN AND ACCOUNTABLE SITE STATUS

	Cyst	Minimal
	Hemorrhage	Moderate
Urin Bladder		
Note: PATHOLOGIST NOTED: MISSING AT TRIM		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mesenteric
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 6-3]			
Brain	Brain Stem	Compression	Marked
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Mild
[Dilatation TGLS = 3-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Mesentery		Sarcoma	
[Sarcoma TGLS = 4-13]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 8,9-13.1+13.2]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 178	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 567
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300178

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 05 - NO MICROSCOPIC CORRELATE

Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 568
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
Islets, Pancreatic		Carcinoma	
Kidney		Cyst	
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-10+10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 8-9]			
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 1-5.1]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Minimal
		Cyst	
[Cyst TGLS = 2-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 6,7-5.2+5.3]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 187	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 568
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300187

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Mild
	Metaplasia	Minimal
[Hyperplasia TGLS = 3-6.1]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 192	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 577
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Mild
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 2,3-5.2+5.3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 194	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 578
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Mammary Gland	Nose	Oviduct
Pancreas	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 2-8]			
Kidney	Pelvis	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Atrophy	Moderate
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUTS ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 581
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Clitoral Gland	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Adrenal Medulla

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
[Degeneration TGLS = 5-3]			
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 6-8]			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
	Alveolus	Hyperplasia	Mild
		Lactation	Minimal
[Adenocarcinoma TGLS = 1-5.2]			
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 195	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 581
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300195

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 2-5.3]			
Spleen		Pigmentation	Mild
Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Mild
Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 583
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 6-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Moderate
		Inflammation	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Liver		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3,4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Moderate
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Spleen		Pigmentation	Mild
Stomach, Forestomach		Hyperplasia	Mild
Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 198	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 583
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300198

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 1,2-6.1+6.2]		
Vagina	Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 587
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Oviduct	Pancreas
Parathyroid Gland	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Clitoral Gland	Duct	Dilatation	Marked
		Inflammation	Moderate
[Inflammation TGLS = 1-6.1]			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 5-2]			
Liver			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lung		Inflammation	Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Atrophy	Moderate
	Parotid Gl	Inflammation	Mild
Spleen	Lymphocyte	Atrophy	Marked
		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 200	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 587
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300200

ORGAN AND ACCOUNTABLE SITE STATUS

[Atrophy TGLS = 3-5]		
Thymus	Atrophy	Marked
Uterus	Hyperplasia	Cystic, Minimal
Vagina	Inflammation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lacrimal Gland
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 12-8]			
Kidney	Renal Tubule	Mineralization	Minimal
Lacrimal Gl			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Liver	Biliar Tract	Fibrosis	Mild
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 5,6,7,8,9-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
[Adenocarcinoma TGLS = 2-5.1]			
[Fibroadenoma TGLS = 3-5.2]			
Nose		Inflammation	Minimal
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-3]			
Skin	Foot	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 208	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 595
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300208

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 10-5.3]			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 210	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 598
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Minimal
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node, Mandibular		Hemorrhage	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-5.1]			
Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node, Mesenteric	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Uterus	Vagina

MISSING

Thymus	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Mild
[Fibroadenoma TGLS = 1-5.1]			
[Hyperplasia TGLS = 2-5.2]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Moderate
Thymus			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 211	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 597
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300211

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PATHOLOGIST NOTED: MEDIASTINAL AREA TRIMMED
Urin Bladder
Note: PATHOLOGIST NOTED: MISSING AT TRIM

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Clitoral Gland		Inflammation	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2.1]			
Lung			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
[Atrophy TGLS = 5-6]			
Pancreas		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Spleen		Pigmentation	Moderate
Thymus		Cyst	Mild
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 213	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 600
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300213

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Mild
		Inflammation	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Necrosis	Mild
[Hepatodiaphragmatic Nodule TGLS = 4-5]			
[Necrosis TGLS = 3-5]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 215	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 602
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300215

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-3]			
Skin		Fibroma	
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Fibroma TGLS = 1-5.1]			
Spleen	Lymphocyte	Atrophy	Mild
		Hematopoietic Cell Proliferation	Mild
		Hemorrhage	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-5]			
Thymus		Atrophy	Mild
		Cyst	Moderate
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mesenteric
Nose	Oviduct	Pancreas	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Mild
[Degeneration TGLS = 3-11.1]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR SKIN AND MAMMARY ON SLIDE # 5C(5.3)			
[Fibroadenoma TGLS = 1-5.1+5.2+5.3]			
Ovary		Hyperplasia	Stromal, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 218	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 603
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300218

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Oviduct	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Minimal
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 2 ON SLIDE 8A(8.1)			
[Compression TGLS = 2-8.1]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Nose	Upper Molar	Inflammation	
		Keratin Cyst	
[Keratin Cyst TGLS = 3-11]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Spleen	Lymphocyte	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 219	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300219

ORGAN AND ACCOUNTABLE SITE STATUS

	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Moderate
Thymus	Atrophy	Moderate
Uterus	Hyperplasia	Cystic, Minimal
Vagina	Inflammation	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node, Mandibular	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	Multiple
		Lactation	Minimal
[Adenocarcinoma TGLS = 2,3-12+5.2]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 4-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Saliv Glands			
Note: TGL # 02 - NOTED GROSSLY AS SALIVARY GLAND WAS MAMMARY GLAND			
Skin	Foot	Inflammation	Chronic, Moderate
		Keratoacanthoma	
[Inflammation TGLS = 8-5.3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 220	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 605
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300220

ORGAN AND ACCOUNTABLE SITE STATUS

[Keratoacanthoma TGLS = 1-5.1]			
Thymus		Atrophy	Mild
		Cyst	Moderate
Thyroid Gland	Follicular Cel	Atrophy	Mild
Uterus			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Vagina		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lung	Lymph Node, Mandibular	Lymph Node, Mesenteric
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Vagina

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hematopoietic Cell Proliferation	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Clitoral Gl			
Note: PATHOLOGIST NOTED: OBSCURED BY MAMMARY GLAND MASS			
Islets, Pancreatic		Adenoma	
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 3,4-2]			
Liver	Biliar Tract	Fibrosis	Mild
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Mammary Gland		Adenocarcinoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-5.1]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 221	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 604
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300221

ORGAN AND ACCOUNTABLE SITE STATUS

Skin			
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 6-5]			
Thyroid Gland		Cyst	Squamous, Minimal
	C Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 7-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 224	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 607
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
[Hyperplasia TGLS = 1-3]			
Brain			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Moderate
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Islets, Pancreatic	Liver	Nose	Oviduct
Pancreas	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small, Ileum — Intestine Small, Jejunum

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 3,4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Spleen	Lymphocyte	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 229	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 614
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300229

ORGAN AND ACCOUNTABLE SITE STATUS

		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

ANIMAL ID: 233	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mesenteric
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Marked
	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-6.1]			
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Adenocarcinoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 2-5.1]			
Ovary		Atrophy	Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Pituitary Gland	Pars Distalis	Adenoma	
Note: PATHOLOGIST NOTED: ADENOMA ALSO LOCATED ON SLIDE # 8			
[Adenoma TGLS = 5-3+8]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 6,7-5.2+5.3]			
Spleen		Pigmentation	Moderate
Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 233	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300233

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithel Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Marked
	Cerebrum	Hemorrhage	Moderate
[Compression TGLS = 6-8]			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 1-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3,4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.1]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin			
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 234	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 619
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300234

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Moderate
Uterus	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 7-6.1]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 235	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Vacuolization Cytoplasmic	Mild
[Degeneration TGLS = 4-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 1-8]			
Kidney		Nephropathy	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Mild
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 3 ON SLIDE # 5B(5.2)			
[Lactation TGLS = 3-5.2]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Spleen		Pigmentation	Mild
Stomach, Forestomach		Diverticulum	Mild
[Diverticulum TGLS = 6-9]			
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Clitoral Gland	Duct	Dilatation	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 3,7-2]			
Liver		Cyst	
		Hematopoietic Cell Proliferation	Minimal
[Cyst TGLS = 4-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Adenoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 236	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 618
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300236

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND		
Spleen	Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 2-5]		
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 237	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 620
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 3-8]			
Clitoral Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 2-6.1]			
Kidney		Cyst	
[Cyst TGLS = 5-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Liver	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hyperplasia	Mild
		Hypertrophy	Minimal
[Degeneration TGLS = 6-3]			
[Hyperplasia TGLS = 5-3]			
Brain	Brain Stem	Compression	Mild
	Cerebrum	Granular Cell Tumor Benign	
[Compression TGLS = 1-8]			
Clitoral Gland		Hyperplasia	Mild
		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Adenoma	
	Alveolus	Hyperplasia	Moderate
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-12]			
[Adenoma TGLS = 3-5.1]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 238	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300238

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Saliv Glands			
Note: TGL # 02 - NOTED GROSSLY AS SALIVARY GLAND WAS MAMMARY GLAND			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
[Adenoma TGLS = 1-3]			
Brain	Cerebrum	Granular Cell Tumor Malignant	
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 2-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Pigmentation	Mild
Thymus		Atrophy	Mild
		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 241	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300241

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Brain Cerebrum Granular Cell Tumor Malignant		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hypertrophy	Mild
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 2-6.1]			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 6-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.2]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 242	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300242

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-3]			
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 243	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 622
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Mammary Gland	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Minimal
Eye	Lens, Unilateral	Cataract	Marked
	Retina, Unilateral	Degeneration	Moderate
[Cataract TGLS = 2-13]			
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Skin		Fibroma	
[Fibroma TGLS = 1-5.1]			
Spleen		Pigmentation	Minimal
Thymus			

Note: PATHOLOGIST NOTED: MEDIASTINAL AREA TRIMMED/RECUT ATTEMPTED

PRIMARY CAUSE OF DEATH - Skin Fibroma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Nose	Oviduct	Pancreas	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 3-2]			
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 4-5]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.2]			
Ovary		Atrophy	Mild
Parathyroid Gl			
Note: PATHOLOGIST NOTED: CUT THROUGH			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 244	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300244

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Minimal
		Metaplasia	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 245	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 628
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
		Lactation	Mild
[Fibroadenoma TGLS = 1,3-5.1+5.3]			
[Lactation TGLS = 2-5.2]			
Ovary		Atrophy	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLS = 6-3]			
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4,5-6.2]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Nose	Ovary	Oviduct	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Biliar Tract	Fibrosis	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
		Adenoma	
		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Mild
[Adenocarcinoma TGLS = 4-5.4]			
[Adenoma TGLS = 6-5.5]			
[Fibroadenoma TGLS = 1,2,3-5.1+5.2+5.3]			
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 246	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300246

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-3]		
Skin		
Note: TGL # 01, 02, 03, 04, & 06 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND		
Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
		Hypertrophy	Mild
[Degeneration TGLS = 6-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 8-8]			
Kidney	Renal Tubule	Mineralization	Minimal
Note: TGL # 02 & 03 - NO MICROSCOPIC CORRELATE			
Liver			
Note: TGL # 04 & 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 9-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 247	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300247

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 248	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 626
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Moderate
Eye			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Kidney	Renal Tubule	Mineralization	Mild
Liver			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland		Angiectasis	Moderate
	Pars Distalis	Hyperplasia	Moderate
[Angiectasis TGLS = 4-3]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 250	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Clitoral Gland		Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Focal
[Vacuolization Cytoplasmic TGLS = 3-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 253	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 625
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Lymph Node, Mandibular	Nose	Ovary
Oviduct	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Moderate
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Pancreas	Acinar Cell	Degeneration	Marked
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 2,3-5.2+5.3]			
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
[Degeneration TGLS = 4-3]			
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Moderate
Uterus			
Note: TGL # 05 - NOTED GROSSLY AS UTERUS WAS VAGINA			
Vagina		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 255	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 627
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300255

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 5-6.1]	
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Islets, Pancreatic	Liver	Mammary Gland	Nose
Oviduct	Pancreas	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Uterus	Vagina		

MISSING

Parathyroid Gland

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Intestine Small, Ileum — Intestine Small, Jejunum

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 8,9-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-13]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 261	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 630
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300261

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
[Inflammation TGLS = 1-5.1]			
Spleen	Lymphocyte	Atrophy	Moderate
		Pigmentation	Mild
Urinary Bladder		Developmental Malformation	
[Developmental Malformation TGLS = 10-2]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: Pathologist noted: Lacrimal Gland located on slide # 13A

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebrum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Brain - Cerebellum	Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
Note: PATHOLOGIST NOTED: CEREBELLUM CUT AWAY			
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 9-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7,8-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 1-5.2]			
[Fibroadenoma TGLS = 2-5.1]			
Nose		Fungus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 267	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 634
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300267

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 4,6-5.3+5.4]			
Thymus			
Note: PATHOLOGIST NOTED: MEDIASTINAL AREA TRIMMED			
PRIMARY CAUSE OF DEATH	- Mammary Gland	Adenocarcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 268	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 631
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node, Mesenteric	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Atrophy	Moderate
		Degeneration	Cystic, Minimal
[Atrophy TGLS = 3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Marked
[Dilatation TGLS = 2-6.1]			
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 6-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 632
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mesenteric

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
Lym Node Mesen			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Adenocarcinoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Mild
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 4-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 270	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 632
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300270

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
Thymus	Epithel Cell	Hyperplasia	Mild
		Hyperplasia	Lymphoid, Moderate
PRIMARY CAUSE OF DEATH	- Mammary Gland Adenocarcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mesenteric	Oviduct	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 6-3]			
Adrenal Medulla		Hyperplasia	Diffuse, Moderate
		Pheochromocytoma Complex	
Clitoral Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 2-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 8-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3,4-5.1+5.2+5.3]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Hyperplasia	Stromal, Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 7-5.4]			
Uterus	Cervix, Muscularis	Hypertrophy	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 273	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 635
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300273

ORGAN AND ACCOUNTABLE SITE STATUS

[Hypertrophy TGLS = 5-6.1]		
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 274	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 632
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Clitoral Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Moderate
[Dilatation TGLS = 4-6.1]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Developmental Malformation	
[Developmental Malformation TGLS = 6-5.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 5-6]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin			
Note: TGL # 02 & 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mesenteric	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

AUTO PRECLUDES DIAG.

Intestine Small, Duodenum	Intestine Small, Ileum		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Mild
Eye	Bilateral, Lens	Cataract	Mild
[Cataract TGLS = 6-13]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Mild
[Fibroadenoma TGLS = 1,3-5.1+5.3]			
[Hyperplasia TGLS = 2-5.2]			
Ovary		Angiectasis	Mild
[Angiectasis TGLS = 4-6]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 8-5.4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 278	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300278

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Mild
Uterus		Angiectasis	Mild
[Angiectasis TGLS = 5-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 640
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Oviduct	Pancreas
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 2-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
[Cyst TGLS = 9-2]			
Liver		Hematopoietic Cell Proliferation	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 3-5.2]			
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
Parathyroid Gland		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 280	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 640
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300280

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 8-5.3]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-5]			
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Oviduct	Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Clitoral Gl			
Note: TGL # 13 & 14 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Moderate
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Mild
[Cyst TGLS = 6,7-2]			
Liver		Cyst	
		Hematopoietic Cell Proliferation	Minimal
[Cyst TGLS = 8-5]			
Lung		Inflammation	Mild
Lymph Node	Lumbar	Hemorrhage	Minimal
	Thoracic	Thrombosis	Moderate
[Hemorrhage TGLS = 3-13]			
[Thrombosis TGLS = 9-13.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 281	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 638
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300281

ORGAN AND ACCOUNTABLE SITE STATUS

		Lactation	Mild
[Fibroadenoma TGLS = 1-5.1]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 4-13.1]			
Nose		Inflammation	Minimal
Oviduct			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Note: TGL # 12 - NO MICROSCOPIC CORRELATE			
Skin			
Note: TGL # 10 & 11 - NO MICROSCOPIC CORRELATE			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 5-5]			
Thymus			
Note: PATHOLOGIST NOTED: MEDIASTINAL AREA TRIMMED			
Uterus		Necrosis	Moderate
		Polyp Stromal	
[Polyp Stromal TGLS = 2-6.2]			
PRIMARY CAUSE OF DEATH	- Uterus Polyp Stromal		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 646
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Pancreas	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hypertrophy	Mild
[Degeneration TGLS = 3-3]			
Bone Marrow		Hypocellularity	Moderate
Brain	Brain Stem	Compression	Mild
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 4 ON SLIDE # 8A(8.1)			
[Compression TGLS = 4-8.1]			
Clitoral Gland	Parenchym Cell	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Mild
Note: PATHOLOGIST NOTED: LACTATION LOCATED ON SLIDE # 12			
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 2-6]			
Parathyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 283	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 646
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300283

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
Note: PATHOLOGIST NOTED: ALSO LOCATED ON SLIDE # 8A(8.1)			
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 6,7-5.2+5.3]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Mild
Thyroid Gland		Cyst	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 644
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Note: TGL # 11 - NO MICROSCOPIC CORRELATE			
Liver	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
[Fibroadenoma TGLS = 4-5.2]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 284	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 644
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300284

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 04 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND
[Inflammation TGLS = 7,8-5.3+5.4]

Spleen	Pigmentation	Minimal
Thymus	Hemorrhage	Mild
Uterus	Angiectasis	Minimal
	Hyperplasia	Cystic, Minimal
	Metaplasia	Minimal

[Angiectasis TGLS = 2-6.1]
[Hyperplasia TGLS = 10-6.1]

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Oviduct	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-3]			
Bone Marrow		Hypocellularity	Moderate
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 4-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Marked
	Duct	Dilatation	Marked
		Inflammation	Mild
[Dilatation TGLS = 2-6.2]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenoma	
		Atypical Focus	
		Lactation	Mild
[Adenoma TGLS = 1-5.1]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gland		Hyperplasia	Focal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 287	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300287

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 6-5.2]			
Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
Note: TGL # 02 - NO SECTION TAKEN			
Liver			
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Hemorrhage	Minimal
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 7-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 8-9]			
Mammary Gland		Adenocarcinoma	
		Atypical Focus	
		Lactation	Minimal
[Adenocarcinoma TGLS = 1-5]			
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 288	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300288

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 6-13]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Oviduct	Pancreas	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Marked
[Degeneration TGLS = 4-3]			
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 6-8]			
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 9-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	Multiple
		Fibroadenoma	
	Alveolus	Hyperplasia	Moderate
		Lactation	Mild
[Adenocarcinoma TGLS = 2,3-5.2+5.1]			
[Fibroadenoma TGLS = 1-5.3]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 289	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 648
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300289

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
Parathyroid Gland		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
[Carcinoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 01 & 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 7-5.4]			
Uterus		Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[Hyperplasia TGLS = 8-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 291	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 643
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Oviduct	Pancreas	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Minimal
Kidney	Pelvis	Mineralization	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
Ovary		Hyperplasia	Stromal, Minimal
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 294	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 653
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 3-8]			
Clitoral Gland	Duct	Dilatation	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 1-5.1]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Mild
Note: TGL # 07 - NOTED GROSSLY AS BRAIN WAS PITUITARY GLAND			
[Compression TGLS = 6-8]			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 8-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Cyst	
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 9-10]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: TGL # 07 - NOTED GROSSLY AS BRAIN WAS AN EXTENSION OF THE PITUITARY GLAND TUMOR			
[Adenoma TGLS = 4,7-3+8]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 297	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 650
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300297

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 5-5.1]			
Uterus		Metaplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 298	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node, Mesenteric	Mammary Gland	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Mild
Kidney	Pelvis	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Marked
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-5.1]			
Spleen		Pigmentation	Moderate
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 299	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node, Mandibular	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-3]			
Clitoral Gland		Inflammation	Minimal
[Inflammation TGLS = 5-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-5.1+5]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin			
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 300	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 3-2]			
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Spleen		Hematopoietic Cell Proliferation	Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 303	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Lymph Node, Mandibular	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-3]			
Adrenal Medulla		Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Moderate
[Cyst TGLS = 3-2]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 5-5.2]			
Thymus		Cyst	Minimal
Uterus		Adenocarcinoma	
[Adenocarcinoma TGLS = 4-6.1]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Liver		Degeneration	Cystic, Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 8-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Moderate
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 304	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300304

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Mild
Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4,7-6.1]		

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 305	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Nose		Squamous Cell Carcinoma	
Ovary		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 2-5.2]			

PRIMARY CAUSE OF DEATH - Nose Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 4-3]			
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 2-6.1]			
Harderian Gland	Epithelium	Degeneration	Minimal
[Degeneration TGLS = 7-13]			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 5-6]			
Pancreas	Acinar Cell	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 306	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 656
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300306

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Spleen		Pigmentation	Mild
Stom Gland			
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			
Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 307	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Moderate
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Ovary		Cyst	
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin		Lipoma	
[Lipoma TGLS = 5-5.3]			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Oviduct	Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
[Degeneration TGLS = 5-3]			
Clitoral Gland	Duct	Dilatation	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
[Cyst TGLS = 6-2]			
Liver		Eosinophilic Focus	
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 308	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 657
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300308

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Minimal
	Metaplasia	Minimal
[Hyperplasia TGLS = 3-6.1]		

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Moderate
[Degeneration TGLS = 7-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 11-8]			
Clitoral Gland		Inflammation	Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
[Inflammation TGLS = 2-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Minimal
[Cyst TGLS = 8,9-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Note: TGL # 10 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
[Fibroadenoma TGLS = 1,4,5-5.1+5.2+5.3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 309	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 658
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300309

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		
Note: TGL # 06 - NO MICROSCOPIC CORRELATE		
Pituitary Gland	Pars Distalis	Adenoma
[Adenoma TGLS = 12-3]		
Skin		
Note: TGL # 01,04,&05 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND		
PRIMARY CAUSE OF DEATH	- Mammary Gland	Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Parathyroid Gland
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-3]			
Adrenal Medulla		Hyperplasia	Focal, Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Salivary Glands	Submandibul Gl	Inflammation	Minimal
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 3-5.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 311	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 654
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300311

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Minimal
Uterus	Hyperplasia	Cystic, Mild
	Metaplasia	Mild
[Hyperplasia TGLS = 1-6.1]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300315

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 3-8]			
Kidney		Cyst	
[Cyst TGLS = 5,6-2+2.1]			
Liver		Vacuolization Cytoplasmic	Focal
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 2-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
		Lactation	Mild
Ovary		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 315	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300315

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina		Developmental Malformation	
		Hyperplasia	Mild
		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Clitoral Gland	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 6,7-3]			
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 9-8]			
Kidney	Pelvis	Mineralization	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Moderate
		Lactation	Mild
[Hyperplasia TGLS = 1,2,3-5.1+5.2+5.3]			
Ovary		Cyst	
		Granulosa Cell Tumor Benign	
[Cyst TGLS = 5-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 10-5.4]			
Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 316	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 660
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300316

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach, Forestomach	Ulcer	Moderate
Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Oviduct	Pancreas
Parathyroid Gland	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
[Degeneration TGLS = 9-3]			
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 4-8]			
Clitoral Gland	Duct	Dilatation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver	Biliar Tract	Fibrosis	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
		Vacuolization Cytoplasmic	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 11-10]			
Lymph Node	Pancreatic	Hemorrhage	Mild
[Hemorrhage TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Minimal
[Degeneration TGLS = 10-9]			
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 317	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 661
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300317

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Parotid Gl	Inflammation	Moderate
Skin	Foot	Inflammation	Chronic, Mild
Note: TGL # 06 & 07 - NO MICROSCOPIC CORRELATE			
[Inflammation TGLS = 8-5.3]			
Spleen		Pigmentation	Mild
Stomach, Forestomach		Hyperplasia	Mild
		Ulcer	Minimal
Thymus		Atrophy	Mild
		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Moderate
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
[Hyperplasia TGLS = 2-6.1]			
Vagina		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 667
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mesenteric	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Clitoral Gland	Duct	Dilatation	Minimal
[Dilatation TGLS = 1-6.1]			
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 8-10]			
Lymph Node	Popliteal	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Hemorrhage	Mild
		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.1]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 321	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 667
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300321

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 7-5.2]			
Spleen		Pigmentation	Moderate
Thymus		Hemorrhage	Moderate
Thyroid Gl			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 668
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Mild
[Adenoma TGLS = 2-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 6-8]			
Heart		Cardiomyopathy	Mild
Int Sm Duoden			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 3,8-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Hemorrhage	Mild
		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Nose	Nasolacrim Dct	Inflammation	Mild
	Upper Molar	Inflammation	
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 324	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 668
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300324

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 7-5.1]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Cerebrum	Hydrocephalus	Mild
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 2-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
		Galactocele	Moderate
	Alveolus	Hyperplasia	Moderate
		Lactation	Mild
[Galactocele TGLS = 1-5.2]			
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 4-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 325	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300325

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 7-5.1]			
Thymus		Atrophy	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 327	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Mammary Gland	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Minimal
[Cyst TGLS = 1-2]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Nose		Inflammation	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 3,4-5.1+5.2]			
Thymus		Atrophy	Minimal
		Cyst	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Nose Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 330	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 3,4-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 8,9-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 5-9]			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Clitoral Gland		Inflammation	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 2-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 6-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
[Inflammation TGLS = 3-9]			
Mammary Gland		Lactation	Mild
Nose		Inflammation	Mild
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 5-5.1]			
Thymus		Cyst	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 331	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300331

ORGAN AND ACCOUNTABLE SITE STATUS

		Metaplasia	Minimal
[Hyperplasia TGLS = 1-6.1]			
PRIMARY CAUSE OF DEATH	- Nose Inflammation		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 668
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Marked
[Inflammation TGLS = 2-6.1]			
Kidney	Pelvis	Mineralization	Mild
Liver		Inflammation	Chronic Active, Moderate
[Inflammation TGLS = 4,7-5+5.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
[Lactation TGLS = 1-5.1]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Spleen		Inflammation	Chronic Active, Focal, Moderate
		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 332	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 668
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300332

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 8-5]			
Uterus		Metaplasia	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 10-8]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 1-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 333	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 671
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300333

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 8,9-5.1+5.2]			
Thymus		Cyst	Mild
[Cyst TGLS = 5-1]			
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 7-8]			
Clitoral Gl			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Vacuolization Cytoplasmic	Mild
[Vacuolization Cytoplasmic TGLS = 4-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Lactation	Mild
Ovary		Atrophy	Minimal
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 334	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 670
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300334

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 6-5.1]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Mild
Thyroid Gland		Cyst	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 335	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 669
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Hypertrophy	Minimal
		Vacuolization Cytoplasmic	Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 2-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 675
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Oviduct	Pancreas
Parathyroid Gland	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 7,8-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenoma	
	Alveolus	Hyperplasia	Mild
		Lactation	Minimal
[Adenoma TGLS = 1-5.1]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Minimal
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 2-6]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 337	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 675
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300337

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-3]			
Salivary Glands	Parotid Gl	Inflammation	Mild
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 6-5.2]			
Spleen		Pigmentation	Marked
Thymus		Atrophy	Mild
Uterus			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Glandular
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Eye	Cornea	Ulcer	Marked
[Ulcer TGLS = 5-13]			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 4-2]			
Liver		Inflammation	Chronic Active, Mild
		Vacuolization Cytoplasmic	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
[Lactation TGLS = 2-5.2]			
Nose	Nasolacrim Dct	Inflammation	Mild
		Inflammation	Mild
		Squamous Cell Carcinoma	
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 338	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300338

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 7,8-5.3+5.4]			
Spleen		Pigmentation	Minimal
Stomach, Forestomach		Hyperplasia	Mild
		Inflammation	Mild
Thymus		Atrophy	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6.1]			
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Salivary Glands	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Bone Marrow		Hypocellularity	Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 1-6.1]			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Moderate
[Cyst TGLS = 2-2]			
Liver		Vacuolization Cytoplasmic	Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 7-13]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 339	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300339

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Focal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 6-5.1]			
Spleen		Pigmentation	Moderate
Stomach, Forestomach		Hyperplasia	Moderate
		Inflammation	Mild
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Vagina		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 4-8]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Lacrimal Gland		Metaplasia	Mild
[Metaplasia TGLS = 1-13]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Moderate
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 3-5.1]			
Nose		Inflammation	Minimal
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Mild

Note: TGL # 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 344	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 673
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300344

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6,7-5.2+5.3]		
Spleen	Pigmentation	Mild
Thyroid Gland	Cyst	Squamous, Minimal
Uterus	Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Mild
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 7,8-5.3+5.4]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 345	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 676
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300345

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-6.1]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

AUTO PRECLUDES DIAG.

Intestine Small, Ileum	Intestine Small, Jejunum		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 1-6.1]			
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 6-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Galactocele	Mild
		Lactation	Mild
[Adenocarcinoma TGLS = 2-5.1]			
[Galactocele TGLS = 7-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 350	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 679
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300350

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Mild
Thymus		Atrophy	Mild
Vagina		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL # 07 - Noted grossly as Lymph Node, inguinal was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Adrenal Medulla		Hyperplasia	Focal, Mild
Brain	Cerebrum	Granular Cell Tumor Nos	
[Granular Cell Tumor Nos TGLS = 2-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Minimal
		Inflammation	Mild
Esophagus	Lumen	Dilatation	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Nose		Foreign Body	
		Inflammation	Moderate
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4,5-5.1+5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 352	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 678
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300352

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Marked
Stomach, Glandular	Erosion	Mild
Thymus	Atrophy	Mild
	Cyst	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Uterus		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 4-2]			
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Moderate
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 1-5.1]			
Ovary		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin			

Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 353	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300353

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Moderate
Urinary Bladder	Mineralization	Moderate
Vagina	Inflammation	Moderate
[Inflammation TGLS = 3-6.1]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 354	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 681
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 2-8]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6,7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Lactation	Mild
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4,5-5.1+5.2]			
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Moderate
Clitoral Gl			
Note: PATHOLOGIST NOTED: INVOLVED IN MAMMARY MASS			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Marked
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 5-5.3]			
Uterus			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 357	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 683
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300357

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
[Degeneration TGLS = 5-3]			
Blood Vessel		Mineralization	Marked
Clitoral Gl			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED MAMMARY GLAND CONFUSED GROSSLY			
Harderian Gl			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Moderate
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Marked
[Nephropathy TGLS = 6-2]			
Liver		Basophilic Focus	
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	Multiple
		Fibroadenoma	
	Alveolus	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 360	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 686
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300360

ORGAN AND ACCOUNTABLE SITE STATUS

		Lactation	Mild
[Adenocarcinoma TGLS = 2,3-5.2+5.3]			
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	- Kidney Nephropathy		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Oviduct
Pancreas	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Eosinophilic Focus	
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Hemorrhage	Mild
		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Granulosa Cell Tumor Benign	
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 4-5.1]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 362	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300362

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus
Note: TGL # 05 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 10-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Mild
	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-6.1]			
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	Multiple
[Adenocarcinoma TGLS = 3,4,5,6,7-5.1+5.2+5.3+5.4+5.5]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			
Skin			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 5A(5.1)			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 364	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300364

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 8-6.1]			
PRIMARY CAUSE OF DEATH	- Mammary Gland	Adenocarcinoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Oviduct
Pancreas	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Kidney	Pelvis	Mineralization	Minimal
Liver	Biliar Tract	Fibrosis	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 1-5.1]			
Nose		Inflammation	Minimal
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Parathyroid Gland		Hyperplasia	Focal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 365	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300365

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 7,8-5.2+5.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 369	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 688
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 1-13]			
Ovary		Atrophy	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 4-5.1]			
Spleen		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL # 01 - Noted grossly as Tissue NOS was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Clitoral Gland	Duct	Dilatation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Galactocele	Moderate
		Lactation	Mild
[Galactocele TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
		Granulosa Cell Tumor Malignant	
		Hyperplasia	Stromal, Mild
[Granulosa Cell Tumor Malignant TGLS = 2-6]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 370	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 691
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300370

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6,7-5.2+5.3]		
Spleen	Pigmentation	Moderate
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 3-8]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 372	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 692
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300372

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Moderate
Thymus		
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 376	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 694
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 2-6.1]			
Kidney	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 696
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Mammary Gland	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
		Hypertrophy	Mild
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
		Necrosis	Mild
		Vacuolization Cytoplasmic	Minimal
[Vacuolization Cytoplasmic TGLS = 5-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 3-13.1]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 377	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 696
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300377

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 7,8-5.2+5.1]			
Spleen		Hematopoietic Cell Proliferation	Marked
[Hematopoietic Cell Proliferation TGLS = 4-5]			
Thymus		Atrophy	Minimal
Tissue NOS		Liposarcoma	
[Liposarcoma TGLS = 2-13]			
Vagina		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Tissue NOS Liposarcoma

Animal Note: TGL # 02 - Noted grossly as Abdominal Cavity mass was Tissue NOS
Animal Note: TGL # 03 - Noted grossly as Thoracic Cavity nodule was Mesentery

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Clitoral Gland		Hyperplasia	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Note: TGL # 05 - NO SECTION TAKEN			
[Nephropathy TGLS = 4-2]			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 378	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300378

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Stromal, Minimal
Parathyroid Gland		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 8-5.2]			
Thymus		Atrophy	Minimal
Vagina		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 9-8]			
Clitoral Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 4-6.1]			
Kidney	Pelvis	Mineralization	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 10-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 5-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	Multiple
		Fibroadenoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 1,3-5.1+5.3]			
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Thyroid Gland	C Cell	Adenoma	
		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 379	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 695
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300379

ORGAN AND ACCOUNTABLE SITE STATUS

	Cervix, Muscularis	Hypertrophy
[Hypertrophy TGLS = 6-6.2]		
Vagina		
Note: TGL # 07 - NO MICROSCOPIC CORRELATE		
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Adrenal Medulla		Hyperplasia	Focal, Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 4-8]			
Clitoral Gl			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 7-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 8-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2,3-5.1+5.2+5.3]			
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 380	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300380

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 6-5.4]			
Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea		

MISSING

Ovary	Oviduct	Parathyroid Gland	Thymus
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 10-8]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Minimal
[Dilatation TGLS = 2-6.2]			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Mild
[Cyst TGLS = 11-2]			
Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
[Infiltration Cellular TGLS = 8-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 382	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300382

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Adenocarcinoma	
		Lactation	Mild
[Adenocarcinoma TGLS = 1-5.1]			
Ovary			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Oviduct			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Pancreas	Acinar Cell	Degeneration	Minimal
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5,6-5.2+5.3]			
Spleen		Pigmentation	Mild
Stom Forestom			
Note: TGL # 12 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: NORMAL FOLD			
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Urin Bladder			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Uterus			
Note: TGL # 04 - NO SECTION TAKEN			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Vagina			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 383	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 698
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Lymph Node, Mandibular	Mammary Gland	Nose
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Clitoral Gland		Inflammation	Moderate
		Squamous Cell Papilloma	
[Inflammation TGLS = 1-6.1]			
Kidney			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Liver		Vacuolization Cytoplasmic	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Ovary		Hyperplasia	Stromal, Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4,5-5.1+5.2]			
Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-6.2]			

PRIMARY CAUSE OF DEATH - Uterus Sarcoma Stromal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 389	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 703
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Mammary Gland	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Mild
[Compression TGLS = 4-8]			
Clitoral Gland		Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
Liver		Vacuolization Cytoplasmic	Focal
[Vacuolization Cytoplasmic TGLS = 2-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Atrophy	Minimal
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 1-6]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

AUTO PRECLUDES DIAG.

Intestine Small, Ileum

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
[Dilatation TGLS = 2-6.2]			
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 5-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 392	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 704
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300392

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 4-5.1]		
Spleen	Pigmentation	Minimal
Thymus	Atrophy	Mild
	Cyst	Mild
Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6.2]		

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Vagina		

MISSING

Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 2-8]			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 7 ON SLIDE # 2A(2.1)			
[Cyst TGLS = 7-2+2.1]			
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 5,6,8-10.2+10+10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 1-12]			
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-5.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 394	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 705
	DOSE: F1 500PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300394

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Mild
Urin Bladder		
Note: PATHOLOGIST NOTED: RECUTS ATTEMPTED		
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Bone Marrow		Hypocellularity	Moderate
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 3-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
Note: TGL # 01 & 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 5-5.3]			
Spleen		Pigmentation	Minimal
Thymus		Hemorrhage	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 395	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 708
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300395

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	Follicular Cel	Atrophy	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 710
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 12-8]			
Clitoral Gland	Duct	Dilatation	Mild
[Dilatation TGLS = 2-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Mild
[Cardiomyopathy TGLS = 7-1]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Moderate
[Nephropathy TGLS = 5,17-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Hyperplasia	Lymphoid, Moderate
	Popliteal	Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 10-13]			
[Hyperplasia TGLS = 9-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 397	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 710
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300397

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 15-9.1]			
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Moderate
Parathyroid Gl			
Note: TGL # 16 - NO MICROSCOPIC CORRELATE			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 13-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 14-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Stomach, Forestomach		Inflammation	Minimal
Thymus			
Note: PATHOLOGIST NOTED: RECUT-REEMBED ATTEMPTED			
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

Animal Note: TGL # 06 & # 11 - No section taken (cavity)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300404

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Carcinoma	
		Hypertrophy	Mild
[Carcinoma TGLS = 6-3]			
Adrenal Medulla		Hyperplasia	Focal, Mild
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Mild
[Inflammation TGLS = 3-6.1]			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 7-2]			
Liver		Angiectasis	Mild
		Tension Lipidosis	Mild
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			
[Angiectasis TGLS = 8-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,2,4-5.1+5.2+5]			
Ovary		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 404	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300404

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Cyst	Mild
Uterus	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 5-6.1]		

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

Animal Note: Pathologist noted: Tooth, malformation on Slide # 11

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300405

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 6-3]			
Brain			
Note: TGL # 11 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Minimal
Kidney			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Liver		Inflammation	Chronic Active, Mild
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 10-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Nose	Upper Molar	Inflammation	
Ovary		Atrophy	Minimal
		Cyst	
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 405	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 709
	DOSE: F1 100PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300405

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 8-5.3]			
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	- Mammary Gland Fibroadenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 710
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300406

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mesenteric	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2]			
Liver		Developmental Malformation	
		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Note: TGL # 10 - NO MICROSCOPIC CORRELATE			
[Developmental Malformation TGLS = 12-5.1]			
[Eosinophilic Focus TGLS = 11-5.1]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
	Renal	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 5-13.1]			
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	Multiple

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 406	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 710
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300406

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1,2-5.2+5.3]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 8,9-5.4+5.5]			
Thymus			
Note: PATHOLOGIST NOTED: MEDIASTINAL AREA PRESENT			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 710
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300417

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Blood Vessel

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Mild
[Dilatation TGLS = 2-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Inguinal	Infiltration Cellular	Plasma Cell, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-13]			
[Infiltration Cellular TGLS = 8-5.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 417	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 710
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300417

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Note: TGL # 08 - NOTED GROSSLY AS MAMMARY GLAND WAS LYMPH NODE, INGUINAL			
Nose	Upper Molar	Inflammation	
Ovary		Atrophy	Marked
		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 7-5.2]			
Thymus		Thymoma Malignant	
[Thymoma Malignant TGLS = 3-1]			
Vagina		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300418

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
[Degeneration TGLS = 10-3]			
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 15-8]			
Clitoral Gland		Hyperplasia	Mild
		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 3-6.2]			
Eye	Retina	Degeneration	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Mild
Kidney	Pelvis	Mineralization	Moderate
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Nephropathy TGLS = 11-2]			
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
[Degeneration TGLS = 12-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 13-10+10.1]			
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 418	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 711
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300418

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Pigmentation	Moderate
[Infiltration Cellular TGLS = 9-13]			
[Pigmentation TGLS = 6-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.1]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
Note: PATHOLOGIST NOTED: PITUITARY GLAND, CARCINOMA ON SLIDE # 3, 8, 8A(8.1)			
[Carcinoma TGLS = 14-3+8+8.1]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 16-5.2]			
Spleen	Red Pulp	Atrophy	Mild
		Pigmentation	Moderate
[Atrophy TGLS = 5-5]			
Stom Gland			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Note: TGL # 07 - NOTED GROSSLY AS STOMACH, GLANDULAR WAS STOMACH, FORESTOMACH			
Stomach, Forestomach		Keratin Cyst	
[Keratin Cyst TGLS = 7-9]			
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 4,17-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300420

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular	Nose
Oviduct	Parathyroid Gland	Pituitary Gland	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

AUTO PRECLUDES DIAG.

Intestine Small, Ileum

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
		Lymphoma Malignant	
[Degeneration TGLS = 2-3]			
Clitoral Gland	Parenchym Cell	Degeneration	Moderate
		Inflammation	Moderate
Kidney		Accumulation, Hyaline Droplet	Moderate
Liver		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 3-5]			
Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLS = 7-13]			
[Lymphoma Malignant TGLS = 6-13.1]			
Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 8-9]			
Mammary Gland		Fibroadenoma	
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 6A(6.1)			
Ovary		Cyst	
		Hyperplasia	Stromal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 420	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 715
	DOSE: F1 0PPM	**DISP:** Natural Death	**HISTO:** 21320300420

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Lymphoma Malignant	
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 09			
Salivary Glands		Atrophy	Mild
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5,9-5.3+5.2]			
Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 1-5.1]			
Stomach, Forestomach		Ulcer	Mild
Thymus		Lymphoma Malignant	
[Lymphoma Malignant TGLS = 4-1]			
PRIMARY CAUSE OF DEATH	- Spleen Lymphoma Malignant		

Animal Note: Pathologist noted: Mesentery, Lymph Mal located on slide # 9

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 421	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 716
	DOSE: F1 5PPM	**DISP:** Moribund	**HISTO:** 21320300421

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Liver	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 4-8]			
Clitoral Gl			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE			
Heart		Cardiomyopathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Moderate
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Spleen		Pigmentation	Mild
Uterus		Hemorrhage	Minimal
[Hemorrhage TGLS = 5-6.1]			
Vagina		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300422

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain			
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
[Hepatodiaphragmatic Nodule TGLS = 7-5]			
Lung			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	Multiple
		Atypical Focus	
		Lactation	Mild
[Adenocarcinoma TGLS = 1,2,11,12-5.1+5.2+5.3+12]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 422	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 717
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300422

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 10-3]		
Saliv Glands		
Note: TGL # 12 - NOTED GROSSLY AS SALIVARY GLAND WAS MAMMARY GLAND		
Skin		
Note: TGL # 11 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND		
Spleen	Hematopoietic Cell Proliferation	Moderate
	Pigmentation	Mild
[Hematopoietic Cell Proliferation TGLS = 6-5]		
Stomach, Forestomach	Hyperplasia	Mild
[Hyperplasia TGLS = 13-9]		
Thymus	Atrophy	Minimal
Thyroid Gland	Cyst	Squamous, Minimal
Uterus	Inflammation	Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE		

PRIMARY CAUSE OF DEATH - Mammary Gland Adenocarcinoma

Animal Note: Pathologist noted: Bone, Cranium, osteopetrosis, mild, located on slide # 11
Animal Note: TGL # 04 - No section taken (cavity)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300424

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Nose
Ovary	Oviduct	Pancreas	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small, Ileum — Intestine Small, Jejunum

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Moderate
[Degeneration TGLS = 9-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 7-8]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Marked
[Degeneration TGLS = 4-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2-5.1+5.2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 424	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 721
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300424

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 8-5.3]			
Spleen		Pigmentation	Mild
Thymus		Hemorrhage	Mild
Uterus		Polyp Stromal	
		Sarcoma Stromal	
[Polyp Stromal TGLS = 3-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300425

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Islets, Pancreatic	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

AUTO PRECLUDES DIAG.

Intestine Small, Ileum	Intestine Small, Jejunum		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-3]			
Clitoral Gland		Inflammation	Minimal
Eye	Bilateral, Lens	Cataract	Mild
Harderian Gland	Epithelium	Degeneration	Mild
		Hypertrophy	Mild
Kidney	Renal Tubule	Mineralization	Mild
Liver		Necrosis	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4,5-10+10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 1,3-5.1+5.2]			
Nose	Upper Molar	Inflammation	
Ovary		Atrophy	Minimal
Spleen	Lymphocyte	Atrophy	Moderate
		Hematopoietic Cell Proliferation	Moderate
Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Mammary Gland Fibroadenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 425	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 720
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300425

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300427

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Moderate
	Cerebrum	Hydrocephalus	Minimal
[Compression TGLS = 9-8]			
Clitoral Gland	Duct	Dilatation	Minimal
[Dilatation TGLS = 1-6.2]			
Harderian Gland		Hypertrophy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
[Nephropathy TGLS = 6-2]			
Liver		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLS = 5-5.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
	Alveolus	Hyperplasia	Moderate
		Lactation	Mild
[Adenocarcinoma TGLS = 2-5.3]			
[Fibroadenoma TGLS = 3-5.2]			
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 427	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: F1 500PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300427

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 4-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 8-5.4]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Mild
Vagina		Inflammation	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300429

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Lung	Lymph Node
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 6-3]			
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 9-8]			
Heart		Cardiomyopathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lym Node Mand			
Note: TGL # 11 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: RECUTS ATTEMPTED			
Lymph Node			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE (LYMPH NODE, HEMAL)			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE (LYMPH NODE, PANCREATIC)			
Note: TGL # 07 - NOTED GROSSLY AS LYMPH NODE, MEDIASTINAL WAS LYMPH NODE, HEMAL			
Note: PATHOLOGIST NOTED: LYMPH NODE, PANCREATIC-MISSING (RECUTS ATTEMPTED)			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 429	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 723
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300429

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
[Atrophy TGLS = 4-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 8-5.3]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Metaplasia	Moderate
[Hyperplasia TGLS = 3-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 724
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300433

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
[Degeneration TGLS = 4-3]			
Clitoral Gland	Parenchym Cell	Degeneration	Mild
Eye	Retina	Degeneration	Moderate
Harderian Gland	Epithelium	Degeneration	Mild
[Degeneration TGLS = 6-11.1]			
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Moderate
[Nephropathy TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Moderate
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 1-6]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 433	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 724
	DOSE: F1 5PPM/CTL	**DISP:** Moribund	**HISTO:** 21320300433

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Focal, Mild
Pituitary Gl			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: MISSING AT EMBEDDING			
Spleen	Lymphocyte	Atrophy	Minimal
		Pigmentation	Mild
[Atrophy TGLS = 3-5]			
Thymus		Cyst	Moderate
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 2-6.1]			

PRIMARY CAUSE OF DEATH - UNCERTAIN

Animal Note: Pathologist noted: COD gross diagnosis - Pituitary neoplasm, micro diagnosis - Pituitary Gland, adenoma; Pituitary Gland lost at embedding

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 726
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300439

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Minimal
Esophagus			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 10			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
Lacrimal Gland		Metaplasia	Moderate
[Metaplasia TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Note: TGL # 01 - NO SECTION TAKEN			
Nose	Nasolacrim Dct	Inflammation	Mild
		Squamous Cell Carcinoma	
Ovary		Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 439	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 726
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300439

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4,5-5.1+5.2]			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Moderate
Thymus		Atrophy	Moderate
Thyroid Gland		Cyst	Squamous, Mild
PRIMARY CAUSE OF DEATH	- Nose Squamous Cell Carcinoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 444	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 730
	DOSE: F1 5PPM	**DISP:** Natural Death	**HISTO:** 21320300444

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic
Lung	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	
AUTO PRECLUDES DIAG.			
Intestine Small, Ileum	Intestine Small, Jejunum		
OBSERVATIONS			
Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
Eye	Bilateral, Lens	Cataract	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Mild
		Cyst	Minimal
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300445

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Oviduct	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Clitoral Gland		Carcinoma	
[Carcinoma TGLS = 4-6.2]			
Kidney	Pelvis	Mineralization	Minimal
Liver		Inflammation	Chronic Active, Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Nose	Upper Molar	Inflammation	
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 445	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300445

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6.1]		
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

Animal Note: Pathologist noted: Tooth, malformation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 450	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 732
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300450

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 1-5.1]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.2]			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Moderate
Thymus		Atrophy	Marked
Vagina		Inflammation	Mild

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic	Liver
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus			

AUTO PRECLUDES DIAG.

Intestine Small, Ileum	Intestine Small, Jejunum		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 5-8]			
Eye	Bilateral, Lens	Cataract	Mild
Kidney	Renal Tubule	Mineralization	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Minimal
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 3-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 6-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 451	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300451

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Mild
Thymus		Atrophy	Moderate
Thyroid Gland	C Cell	Adenoma	
Vagina		Inflammation	Minimal
[Inflammation TGLS = 2-6.2]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300453

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Clitoral Gland		Inflammation	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 6-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: TGL # 04 & 09 - NOTED GROSSLY AS MAMMARY GLAND WAS SKIN			
[Fibroadenoma TGLS = 1,2,3-5.1+5.2+5.3]			
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland		Cyst	
Skin	Foot	Inflammation	Chronic, Moderate
		Lipoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 453	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 731
	DOSE: F1 0PPM	**DISP:** Moribund	**HISTO:** 21320300453

ORGAN AND ACCOUNTABLE SITE STATUS

	Squamous Cell Carcinoma	
Note: PATHOLOGIST NOTED: SQUAMOUS CELL CARCINOMA ALSO LOCATED ON SLIDE # 11		
[Inflammation TGLS = 8-5.6]		
[Lipoma TGLS = 4-5.4]		
[Squamous Cell Carcinoma TGLS = 7,9-5.5+5.7]		
Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Skin Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 481	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300481

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.2]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Pigmentation	Mild
Thymus		Atrophy	Mild
	Epithel Cell	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Mild
		Metaplasia	Minimal

Note: TGL # 03 - NOTED GROSSLY AS UTERUS WAS VAGINA

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 481	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300481

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina	[Hyperplasia TGLS = 4-6.1] [Keratin Cyst TGLS = 3-6.1]	Keratin Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 482	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300482

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 5-2]			
Liver		Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLS = 1-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 482	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300482

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	Mild
Thyroid Gland	C Cell	Adenoma	
Uterus		Hyperplasia	Cystic, Minimal
		Metaplasia	Minimal
		Polyp Stromal	
[Hyperplasia TGLS = 2-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 483	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300483

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Liver			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-13]			
Spleen		Pigmentation	Moderate
Thymus		Cyst	Mild
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 1-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 483	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300483

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 484	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300484

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
Brain	Cerebellum	Granular Cell Tumor Benign	
Clitoral Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Mild
[Inflammation TGLS = 3-6.2]			
Eye	Lens	Cataract	Minimal
		Phthisis Bulbi	
[Phthisis Bulbi TGLS = 9-11.1]			
Harderian Gland		Squamous Cell Carcinoma	Metastatic (Nose)
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 13-2]			
[Nephropathy TGLS = 6-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Lung		Squamous Cell Carcinoma	Metastatic (Nose)
Lymph Node	Pancreatic	Hemorrhage	Minimal
[Hemorrhage TGLS = 4-13.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 484	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300484

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Moderate
		Lactation	Moderate
[Fibroadenoma TGLS = 1,5,8-5.4+5.2+5.3]			
Nose		Squamous Cell Carcinoma	
Note: PATHOLOGIST NOTED: TGL # 12 ALSO LOCATED ON SLIDE # 11			
[Squamous Cell Carcinoma TGLS = 12-11+13]			
Ovary		Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 11-13.1]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Thymus			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: RECUTS ATTEMPTED			
Thyroid Gland		Cyst	Squamous, Minimal
Vagina		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 12 - Noted grossly as Tissue NOS, tooth was Nose

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 485	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300485

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
Clitoral Gland	Parenchym Cell	Degeneration	Mild
		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Infarct	Minimal
	Renal Tubule	Mineralization	Minimal
Lacrimal Gland		Metaplasia	Mild
[Metaplasia TGLS = 2-13]			
Lung		Infiltration Cellular	Histiocyte, Mild
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 485	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300485

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-13.2]			
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Moderate
[Cyst TGLS = 3-6]			
Oviduct			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 6C(6.3)			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 7-13.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 486	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300486

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mesenteric	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 4-3]			
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Tension Lipidosis	Mild
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 6 ON SLIDE # 5F(5.6)			
[Basophilic Focus TGLS = 7-5.4]			
[Tension Lipidosis TGLS = 6-5.6]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
[Degeneration TGLS = 5-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 486	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300486

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]		
Spleen	Hematopoietic Cell Proliferation	Moderate
Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 487	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300487

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Adrenal Medulla		Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Moderate
[Cyst TGLS = 1-2]			
Liver	Biliar Tract	Fibrosis	Mild
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Atrophy	Minimal
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 2-5]			
Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 487	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300487

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus
Note: PATHOLOGIST NOTED: AREA TRIMMED

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 488	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lymph Node, Mandibular	Mammary Gland	Nose
Ovary	Oviduct	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Minimal
[Inflammation TGLS = 2-6.2]			
Eye	Bilateral, Retina	Degeneration	Moderate
Kidney	Pelvis	Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Ovary			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Pancreas	Acinar Cell	Degeneration	Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Moderate
Vagina		Granular Cell Tumor Benign	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 489	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300489

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Lung
Nose	Ovary	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 1-6.2]			
Eye	Retina	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 490	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mesenteric	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 5-2]			
Liver	Biliar Tract	Fibrosis	Minimal
		Tension Lipidosis	Mild
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 6 ON SLIDE # 5E(5.5)			
[Tension Lipidosis TGLS = 6-5.5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
[Fibroadenoma TGLS = 2,3-5.3+5.4]			
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 490	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300490

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Minimal
Uterus	Polyp Stromal	
[Polyp Stromal TGLS = 4-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 491	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300491

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Adrenal Medulla		Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Mild
Intest Large			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Intestine Small		Hyperplasia	Lymphoid, Minimal
[Hyperplasia TGLS = 5-9.3]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Lactation	Mild
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Uterus			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 491	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300491

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 02 - NO MICROSCOPIC CORRELATE

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 492	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
Heart		Cardiomyopathy	Minimal
Int Lg Cecum			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: NORMAL PEYER'S PATCH			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 4-2]			
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 1-5.2]			
Ovary		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 492	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300492

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Submandibul Gl	Inflammation	Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.3]			
Thymus			
Note: PATHOLOGIST NOTED: AREA TRIMMED			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 493	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300493

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
		Cyst	
Note: PATHOLOGIST NOTED: TGL # 4 ON SLIDE # 5, NOT SLIDE # 5E(5.5)			
[Cyst TGLS = 3,4-5.4+5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2-5.2+5.3]			
Ovary		Atrophy	Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5-5.6]			
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 494	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300494

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 4-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Mild
		Nephropathy	Mild
[Cyst TGLS = 3-2]			
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
[Degeneration TGLS = 2-5.2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 9-10]			
Lymph Node	Mediastinal	Hemorrhage	Mild
	Mediastinal	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 5-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 494	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300494

ORGAN AND ACCOUNTABLE SITE STATUS

		Lactation	Minimal
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 1-6]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 8-5.3]			
Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300495

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Clitoral Gland		Inflammation	Moderate
Harderian Gland		Hypertrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Inflammation	Chronic Active, Minimal
[Eosinophilic Focus TGLS = 6-5.3]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 495	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300495

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thymus		Cyst	Mild
Uterus		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 496	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300496

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
[Degeneration TGLS = 4-3]			
Eye	Bilateral, Lens	Cataract	Minimal
Heart		Cardiomyopathy	Minimal
Int Lg Cecum			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Kidney		Cyst	
	Renal Tubule	Mineralization	Moderate
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2,3-13.2+13+13.1]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Marked
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 496	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300496

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 6-5]		
Spleen	Pigmentation	Mild
Thymus	Cyst	Mild
Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 5-6.1]		

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 03 - Noted grossly as Lymph Node, Deep Cervical was Mammary Gland
Animal Note: TGL # 02 - Noted grossly as Lymph Node, Lumbar was Mammary Gland
Animal Note: TGL # 01 - Noted grossly as Lymph Node, Thoracic was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 497	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300497

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Pelvis	Mineralization	Mild
Liver	Biliar Tract	Fibrosis	Moderate
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 497	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300497

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Atrophy	Minimal
	Epithel Cell	Hyperplasia	Mild
[Atrophy TGLS = 6-1]			
Uterus		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 2-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 498	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300498

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Adrenal Medulla		Hyperplasia	Focal, Minimal
		Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Ovary		Cyst	
[Cyst TGLS = 1-6]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 3-5.2]			
Thyroid Gland		Cyst	Squamous, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 499	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300499

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
[Degeneration TGLS = 3-3]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Mild
Kidney	Pelvis	Mineralization	Mild
Liver		Basophilic Focus	
		Necrosis	Minimal
[Necrosis TGLS = 5-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 4-13]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 499	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 734
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300499

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5.2]			
Thymus			
Note: PATHOLOGIST NOTED: AREA TRIMMED			
Urinary Bladder		Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 500	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 3-3]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Moderate
Kidney		Cyst	
		Inflammation	Minimal
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2]			
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 5-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 2-5]			
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 500	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 733
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300500

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300501

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 2-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Mild
		Lactation	Mild
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 1-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 4-5.1]			
Spleen		Pigmentation	Mild
Stomach, Forestomach		Ulcer	Mild
Thymus		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 501	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: F1 500PPM	**DISP:** Moribund	**HISTO:** 21320300501

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300527

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Nose	Oviduct
Pancreas	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Heart		Cardiomyopathy	Minimal
Int Lg Cecum			
Note: TGL # 09 - NO MICROSCOPIC CORRELATE			
Int Sm Duoden			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Kidney		Cyst	
		Hydronephrosis	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 4-2]			
[Hydronephrosis TGLS = 7-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 527	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300527

ORGAN AND ACCOUNTABLE SITE STATUS

	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300528

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Mild
[Cyst TGLS = 4-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Popliteal	Infiltration Cellular	Plasma Cell, Moderate
[Degeneration TGLS = 5-13]			
[Infiltration Cellular TGLS = 9-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 528	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300528

ORGAN AND ACCOUNTABLE SITE STATUS

		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.4]			
Ovary		Atrophy	Minimal
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Atrophy	Moderate
[Atrophy TGLS = 8-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300529

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Clitoral Gland	Parenchym Cell	Degeneration	Minimal
Heart		Cardiomyopathy	Mild
Int Lg Cecum			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: NORMAL PEYERS PATCH			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Mild
		Lactation	Mild
[Fibroadenoma TGLS = 1,2-5.2+13]			
Ovary		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 529	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300529

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 6-5.3]			
Spleen		Pigmentation	Minimal
Thymus			
Note: PATHOLOGIST NOTED: MEDIASTINAL AREA TRIMMED			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 02 - Noted grossly as Lymph Node, Deep Cervical was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 530	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300530

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hyperplasia	Mild
[Degeneration TGLS = 2-3]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 4 & 5 ON SLIDE # 10A(10.1)			
[Infiltration Cellular TGLS = 4,5-10+10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300531

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lacrimal Gland	Nose	Oviduct	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 5-2]			
Lacrimal Gl			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Minimal
[Eosinophilic Focus TGLS = 4-5.4]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6-10]			
Lymph Node	Popliteal	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 7-13.1]			
Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
[Hyperplasia TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 531	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300531

ORGAN AND ACCOUNTABLE SITE STATUS

		Lactation	Minimal
[Fibroadenoma TGLS = 3-5.2]			
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 9-5.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300532

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Oviduct	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 1-6.2]			
Harderian Gland	Epithelium	Degeneration	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
[Cyst TGLS = 6-2]			
Liver		Angiectasis	Minimal
	Bile Duct	Hyperplasia	Minimal
		Mixed Cell Focus	
		Vacuolization Cytoplasmic	Focal
[Angiectasis TGLS = 2,3-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 5-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Hyperplasia	Stromal, Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 532	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300532

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus		
Note: PATHOLOGIST NOTED: AREA TRIMMED		
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 533	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300533

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Moderate
[Inflammation TGLS = 2-6.2]			
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Mild
[Cyst TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroma	
[Fibroma TGLS = 3-5]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5.2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300534

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Salivary Glands
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Adrenal Medulla		Hyperplasia	Focal, Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 4-8]			
Harderian Gland	Epithelium	Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Lactation	Moderate
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 534	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300534

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Stomach, Forestomach	Hyperplasia	Moderate
	Ulcer	Moderate
Thymus	Atrophy	Mild
	Cyst	Mild
Uterus	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 1-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300535

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mandibular	Nose	Oviduct
Pancreas	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 6-8]			
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Kidney	Renal Tubule	Adenoma	
		Cyst	
	Renal Tubule	Mineralization	Mild
[Adenoma TGLS = 3-2]			
[Cyst TGLS = 4,7-2]			
Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Note: PATHOLOGIST NOTED: TGL # 2 LOCATED ON SLIDE # 5 AND MAMMARY WHOLE MOUNT SLIDE # 5A(5.1)			
[Hyperplasia TGLS = 2-5+5.1]			
Ovary	Granulosa Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 535	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300535

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300536

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
[Degeneration TGLS = 5-3]			
Harderian Gland	Epithelium	Degeneration	Mild
Kidney	Pelvis	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 6-9.1]			
Mammary Gland		Galactocele	Mild
		Lactation	Minimal
[Galactocele TGLS = 3-5.2]			
Nose	Upper Molar	Inflammation	
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1,2-5.3+5.4]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 536	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300536

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Cyst	Mild
Uterus	Hyperplasia	Cystic, Mild
	Polyp Stromal	
[Polyp Stromal TGLS = 4-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300537

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Mild
[Dilatation TGLS = 2-6.2]			
Int Lg Cecum			
Note: PATHOLOGIST NOTED: NORMAL PEYERS PATCH			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 7-5.2]			
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 3-6]			
Pancreas	Acinar Cell	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 537	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300537

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.3]			
Spleen		Pigmentation	Moderate
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Moderate
		Metaplasia	Moderate
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300538

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mandibular	Nose
Oviduct	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hyperplasia	Minimal
[Degeneration TGLS = 7-3]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Marked
[Inflammation TGLS = 1-6.2]			
Eye	Retina	Degeneration	Mild
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
[Cyst TGLS = 9-2]			
Lacrimal Gland		Metaplasia	Minimal
[Metaplasia TGLS = 2-13]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild

Note: TGL # 04 - NO MICROSCOPIC CORRELATE (LYMPH NODE, PANCREATIC)
Note: PATHOLOGIST NOTED: LYMPH NODE, PANCREATIC NORMAL ON SLIDE # 13B(13.2)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 538	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300538

ORGAN AND ACCOUNTABLE SITE STATUS

[Infiltration Cellular TGLS = 6-13.1]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 3-5.2]			
Ovary		Atrophy	Minimal
		Cyst	
[Cyst TGLS = 5-6]			
Pancreas		Polyarteritis	Minimal
Note: PATHOLOGIST NOTED: POLYARTERITIS LOCATED ON SLIDE # 13B(13.2)			
Parathyroid Gl			
Note: PATHOLOGIST NOTED: CUT AWAY			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 10-5.3]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300539

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
[Degeneration TGLS = 6-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 3-6.2]			
Kidney		Infarct	Mild
	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Moderate
		Lactation	Moderate
[Fibroadenoma TGLS = 2-5]			
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 539	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 736
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300539

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
[Cyst TGLS = 5-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Minimal
		Ectopic Thyroid	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 540	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300540

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5]			
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Moderate
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300542

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Pancreas
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small, Ileum — Intestine Small, Jejunum

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 3-8]			
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Mild
Liver			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Ovary		Atrophy	Moderate
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUTS ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen	Lymphocyte	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 542	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 500PPM	**DISP:** Natural Death	**HISTO:** 21320300542

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Moderate
Thymus	Atrophy	Moderate
Uterus	Hyperplasia	Cystic, Minimal
	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300543

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Marked
[Degeneration TGLS = 6-3]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Minimal
[Dilatation TGLS = 1-6.2]			
Eye	Bilateral, Retina	Degeneration	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
		Nephropathy	Minimal
[Cyst TGLS = 5-2]			
Liver		Eosinophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 4,7,8-10]			
Lymph Node, Mandibular		Degeneration	Cystic, Moderate
		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Moderate
Ovary		Hyperplasia	Stromal, Mild
Pituitary Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 543	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300543

ORGAN AND ACCOUNTABLE SITE STATUS

	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 3-3]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300544

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 5-3]			
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Mild
Note: TGL # 04 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Marked
		Lactation	Moderate
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Moderate
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 544	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300544

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithel Cell	Hyperplasia	Minimal
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300545

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 8-8]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Minimal
[Dilatation TGLS = 2-6.2]			
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 10-10]			
Lymph Node	Pancreatic	Hemorrhage	Mild
	Pancreatic	Inflammation	Granulomatous, Mild
[Hemorrhage TGLS = 3-13]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 545	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300545

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Note: PATHOLOGIST NOTED: FIBROADENOMA ALSO LOCATED ON SLIDE # 5D(5.4)			
[Adenocarcinoma TGLS = 6-5+5.1+5.4]			
[Fibroadenoma TGLS = 6-5]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 7-5.2]			
Spleen		Pigmentation	Moderate
Thymus		Atrophy	Minimal
		Cyst	Minimal
Uterus		Metaplasia	Mild
Vagina		Sarcoma Stromal	
[Sarcoma Stromal TGLS = 4-6.2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 546	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300546

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mandibular	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Galactocele	Minimal
		Lactation	Minimal
[Galactocele TGLS = 2-5.2]			
Ovary		Atrophy	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 546	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300546

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma	
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 547	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300547

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Kidney	Pelvis	Mineralization	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
		Infiltration Cellular	Histiocyte, Marked
[Infiltration Cellular TGLS = 3-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Moderate
Uterus		Hyperplasia	Cystic, Minimal
		Metaplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 548	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300548

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Atrophy	Mild
		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 3-5.3]			
Ovary		Cyst	
[Cyst TGLS = 1-6]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 2-5.2]			
Spleen		Pigmentation	Mild
Thymus			

Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 548	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300548

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300549

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Adrenal Medulla		Hyperplasia	Focal, Mild
Bone Marrow		Hypocellularity	Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 10-8]			
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 4-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney		Cyst	
[Cyst TGLS = 11-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	Multiple
	Alveolus	Degeneration	Moderate
		Lactation	Minimal
[Adenocarcinoma TGLS = 2,3,5,12-5.3+5.4+5.5+5.6]			
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 6-6]			
Parathyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 549	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300549

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PATHOLOGIST NOTED: TISSUE THIN			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Marked
Note: PATHOLOGIST NOTED: TGL # 7 & 8 ALSO LOCATED ON SLIDE # 6			
[Hyperplasia TGLS = 7,8-6+6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 550	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300550

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node, Mandibular	Nose	Oviduct	Pituitary Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Heart		Cardiomyopathy	Minimal
Kidney			
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Parathyroid Gland		Hyperplasia	Diffuse, Mild
Skin	Foot	Inflammation	Chronic, Minimal
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300551

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Liver	Lung	Nose	Oviduct
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Parathyroid Gland	Thymus		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Marked
[Degeneration TGLS = 5-3]			
Brain	Brain Stem	Compression	Mild
	Cerebrum	Hemorrhage	Mild
	Cerebrum	Hydrocephalus	Minimal
[Compression TGLS = 8-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Degeneration	Cystic, Moderate
		Inflammation	Granulomatous, Moderate
[Degeneration TGLS = 6-13]			
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Mild
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Ovary		Atrophy	Moderate
		Cyst	
Pancreas	Acinar Cell	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 551	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300551

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 02 & 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus			
Note: AREA TRIMMED			
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 06 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300552

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
[Degeneration TGLS = 4-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Clitoral Gland		Hyperplasia	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
Note: TGL # 03 - NOTED GROSSLY AS MAMMARY GLAND WAS SKIN			
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 552	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300552

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Mild
		Sarcoma	
[Inflammation TGLS = 1-5.2]			
[Sarcoma TGLS = 3-5.4]			
Spleen		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 5-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300553

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Moderate
[Adenoma TGLS = 5-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 2-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 553	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300553

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3,4-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300554

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node, Mesenteric	Nose
Oviduct	Pancreas	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Adrenal Medulla		Hyperplasia	Focal, Moderate
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 6-8]			
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney		Cyst	
[Cyst TGLS = 3-2]			
Liver			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node	Pancreatic	Hemorrhage	Mild
[Hemorrhage TGLS = 1-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Adenoma	
		Atypical Focus	
		Fibroadenoma	
	Alveolus	Hyperplasia	Moderate
		Inflammation	Moderate
		Lactation	Moderate
[Fibroadenoma TGLS = 4-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 554	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300554

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 9-6]			
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 5-5.3]			
Spleen		Pigmentation	Moderate
Thymus		Cyst	Moderate
Uterus		Hyperplasia	Cystic, Marked
[Hyperplasia TGLS = 8-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 555	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Minimal
Liver		Eosinophilic Focus	
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Mild
[Fibroadenoma TGLS = 2-5.2]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 556	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mandibular	Nose	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Kidney		Cyst	
[Cyst TGLS = 3-2]			
Liver		Angiectasis	Mild
		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 5-5.3]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 557	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Clitoral Gland		Inflammation	Minimal
Eye	Retina	Degeneration	Moderate
Harderian Gland	Epithelium	Degeneration	Moderate
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2-5+5.2]			
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 557	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300557

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 558	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Hyperplasia	Minimal
Eye	Retina	Degeneration	Moderate
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 2-2]			
Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Mild
[Angiectasis TGLS = 4-5.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
	Duct	Hyperplasia	Moderate
		Lactation	Minimal
Ovary		Hyperplasia	Stromal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 558	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300558

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Cyst	Mild
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 559	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mesenteric	Nose	Oviduct	Pancreas
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 8-8]			
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
		Transitional Epithelial Carcinoma	
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4,5,6-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Mammary Gland		Adenocarcinoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-5.3]			
Ovary		Atrophy	Marked
		Hyperplasia	Stromal, Minimal
Parathyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 559	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300559

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PATHOLOGIST NOTED: RECUT ATTEMPTED

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 581	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mesenteric	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Brain	Cerebrum	Meningioma Malignant	
[Meningioma Malignant TGLS = 5-8]			
Clitoral Gland		Inflammation	Marked
[Inflammation TGLS = 1-6.2]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Minimal
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 2-5.1]			
Nose	Nasolacrim Dct	Inflammation	Mild
	Upper Molar	Inflammation	
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 3,4-5.2+5.3]			
Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 581	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 738
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300581

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach, Forestomach	Hyperplasia	Mild
	Ulcer	Marked
[Ulcer TGLS = 6-9]		
Thymus	Atrophy	Mild
	Cyst	Mild

PRIMARY CAUSE OF DEATH - Brain Cerebrum Meningioma Malignant

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 582	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 9-8]			
Heart		Cardiomyopathy	Minimal
Liver	Biliar Tract	Fibrosis	Mild
	Bile Duct	Hyperplasia	Moderate
[Fibrosis TGLS = 8-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-5.3]			
[Fibroadenoma TGLS = 3-5.4]			
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 6-6]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 582	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 737
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300582

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLS = 5-5]			
Thymus		Cyst	Minimal
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Minimal
		Metaplasia	Mild
[Hyperplasia TGLS = 7-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 606	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Lung	Lymph Node, Mandibular	Mammary Gland
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Brain	Cerebellum	Astrocytoma Malignant	
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Liver		Eosinophilic Focus	
		Necrosis	Minimal
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Minimal
	Pancreatic	Infiltration Cellular	Plasma Cell, Minimal
	Popliteal	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-13]			
[Infiltration Cellular TGLS = 4-13.2]			
[Infiltration Cellular TGLS = 3-13.1]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Ovary		Cyst	
[Cyst TGLS = 1-6]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 5-5]			
Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 606	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300606

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
		Inflammation	Granulomatous, Minimal
[Hyperplasia TGLS = 7-13]			
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 3,5-5.2+5.3]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Moderate
[Cyst TGLS = 9-13.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 607	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300607

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 1,2-5+13.1]			
Spleen		Pigmentation	Mild
Thymus			
Note: AREA TRIMMED			
Uterus		Hyperplasia	Cystic, Minimal
		Polyp Stromal	
[Polyp Stromal TGLS = 6-6.1]			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 07 - Noted grossly as Mesentery was Lymph Node, Mesenteric
Animal Note: TGL # 02 - Noted grossly as Bone was Skin

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 608	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Mammary Gland	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
[Degeneration TGLS = 2-3]			
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
Lung		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 5-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Pancreas	Acinar Cell	Degeneration	Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 609	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3,4-5.2+5.3+5.4]			
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
[Degeneration TGLS = 1-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Eye	Bilateral, Retina	Degeneration	Moderate
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 2-2]			
Liver		Basophilic Focus	
		Inflammation	Chronic Active, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 8-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Galactocele	Moderate
		Lactation	Minimal
[Galactocele TGLS = 7,9-5.2+5.3]			
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 610	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300610

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 10-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Cyst	Minimal
Thyroid Gland		Cyst	Squamous, Mild
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 611	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
Clitoral Gland		Inflammation	Marked
Harderian Gland		Hypertrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Galactocele	Minimal
		Lactation	Minimal
[Galactocele TGLS = 3-5.2]			
Ovary		Atrophy	Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-5.3]			
Spleen		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Nose	Oviduct
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Parathyroid Gland	Thymus		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
		Inflammation	Minimal
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6,7,8-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,5-5.2+5.3]			
Ovary		Atrophy	Moderate
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 612	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300612

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 9-5.4]			
Spleen		Pigmentation	Moderate
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 02 - No section taken (Lymph Node, Lumbar)

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Pancreas	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
[Degeneration TGLS = 4-3]			
Clitoral Gland		Inflammation	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 5-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 7-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 613	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300613

ORGAN AND ACCOUNTABLE SITE STATUS

	Pigmentation	Minimal
Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 614	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Lymph Node	Lymph Node, Mesenteric
Nose	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hypertrophy	Marked
[Degeneration TGLS = 9-3]			
Clitoral Gland	Duct	Dilatation	Marked
[Dilatation TGLS = 3-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Moderate
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Mild
[Cyst TGLS = 8-2]			
Liver			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lymph Node			
Note: TGL # 06 - NOTED GROSSLY AS LYMPH NODE, MEDIASTINAL WAS LYMPH NODE, HEMAL			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 614	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300614

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 2-5]		
Ovary	Atrophy	Marked
	Cyst	
	Granulosa Cell Tumor Malignant	
[Cyst TGLS = 5-13]		
Skeletal Muscle	Granulosa Cell Tumor Malignant	Metastatic (Ovary)
[Granulosa Cell Tumor Malignant TGLS = 4-13.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 615	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mandibular
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Adrenal Medulla		Hyperplasia	Focal, Mild
Eye	Retina	Degeneration	Minimal
Harderian Gland		Hypertrophy	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 3-5]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Cyst Epithelial Inclusion	
	Foot	Inflammation	Chronic, Marked
[Cyst Epithelial Inclusion TGLS = 4-5.3]			
[Inflammation TGLS = 1-5.4]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 616	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 9-8]			
Eye	Retina	Degeneration	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney		Cyst	
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 4 ON SLIDE # 2C(2.3)			
[Cyst TGLS = 4-2.3]			
Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Focal
[Vacuolization Cytoplasmic TGLS = 7-5.2]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Renal	Degeneration	Cystic, Moderate
[Degeneration TGLS = 6-13.3]			
[Degeneration TGLS = 5-13.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Minimal
		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 616	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 740
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300616

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 2-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Skeletal Muscle		Lipoma	
[Lipoma TGLS = 3-13.1]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Thymus		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 03 - Noted grossly as Mesentery was Skeletal Muscle

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 617	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Mammary Gland	Nose	Oviduct
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Atrophy	Minimal
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Pancreas	Acinar Cell	Degeneration	Mild
Spleen		Hematopoietic Cell Proliferation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 618	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node, Mandibular
Nose	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node

OBSERVATIONS

Adrenal Medulla		Hyperplasia	Focal, Moderate
Clitoral Gland		Inflammation	Minimal
[Inflammation TGLS = 4-6.2]			
Intestine Large, Cecum		Inflammation	Minimal
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
[Inflammation TGLS = 9-9.2]			
Kidney	Renal Tubule	Mineralization	Moderate
Lymph Node			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE (LYMPH NODE, PANCREATIC)			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 6-9.1]			
Mammary Gland		Fibroadenoma	Multiple
Note: TGL # 01 - NOTED GROSSLY AS MAMMARY GLAND WAS SKIN			
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Ovary		Atrophy	Minimal
Skin		Fibroma	
	Foot	Inflammation	Chronic, Moderate
[Fibroma TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 618	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300618

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 7-5.4]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 619	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Oviduct	Pancreas	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Int Lg Cecum			
Note: PATHOLOGIST NOTED: NORMAL PEYERS PATCH			
Note: TGL # 08 - NO MICROSCOPIC CORRELATE			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6,7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
		Atypical Focus	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Adenocarcinoma TGLS = 2-5.3]			
Ovary		Atrophy	Moderate
		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 619	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300619

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 3-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 623	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Harderian Gland		Hypertrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver		Angiectasis	Moderate
		Vacuolization Cytoplasmic	Mild
[Angiectasis TGLS = 2-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.1]			
Nose		Keratin Cyst	
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Marked
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 623	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 739
	DOSE: F1 5PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300623

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Mild
	Cyst	Mild
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Oviduct	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Marked
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Minimal
[Dilatation TGLS = 3-6.2]			
Eye	Bilateral, Retina	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Note: TGL # 04 & 05 - NO MICROSCOPIC CORRELATE			
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 2-5]			
Nose	Nasolacrim Dct	Inflammation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 640	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300640

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Thymus	Epithel Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 6-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Moderate
[Degeneration TGLS = 6-11.1]			
Heart		Cardiomyopathy	Minimal
Kidney		Inflammation	Mild
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Liver		Basophilic Focus	
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Renal	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
	Renal	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 4-13]			
[Infiltration Cellular TGLS = 3-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 1-12]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 641	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300641

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Atypical Focus	
		Lactation	Minimal
Nose	Upper Molar	Inflammation	
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5-5.2]			
Spleen		Pigmentation	Mild
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Minimal
Eye	Retina	Degeneration	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5]			
Ovary		Cyst	
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-5.2]			
Spleen		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 642	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300642

ORGAN AND ACCOUNTABLE SITE STATUS

	Cervix, Muscularis	Hypertrophy
[Hyperplasia TGLS = 2-6.1]		
[Hypertrophy TGLS = 3-6.1]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 4-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Mild
Eye	Retina	Degeneration	Minimal
Harderian Gland		Hypertrophy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
	Alveolus	Hyperplasia	Mild
		Lactation	Mild
[Adenocarcinoma TGLS = 6-5.2]			
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 5-6]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 643	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300643

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Moderate
Thyroid Gland	C Cell	Adenoma	
Vagina		Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 644	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Squamous Cell Papilloma	
Eye	Retina	Degeneration	Moderate
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenoma	
		Atypical Focus	
		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Ovary		Atrophy	Minimal
	Granulosa Cell	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5]			
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 644	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300644

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 645	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Ovary	Oviduct	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
[Degeneration TGLS = 6-3]			
Clitoral Gland		Inflammation	Minimal
Eye	Retina	Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 2,3,4-10+10.1+10.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 645	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300645

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 646	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Minimal
Eye	Retina	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5.2]			
Ovary		Atrophy	Minimal
		Cyst	
		Hyperplasia	Stromal, Moderate
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 646	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300646

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Adrenal Medulla		Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 3-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney		Inflammation	Minimal
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Marked
Note: TGL # 04 - NOTED GROSSLY AS LYMPH NODE, DEEP CERVICAL WAS MAMMARY GLAND			
[Degeneration TGLS = 6-5.4]			
Lymph Node, Mandibular		Degeneration	Cystic, Minimal
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Moderate
		Lactation	Mild
[Fibroadenoma TGLS = 1,2,4-5.3+5.2+13.1]			
Ovary		Cyst	
[Cyst TGLS = 5-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 647	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300647

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 7-5.5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Adenoma	
Vagina		Inflammation	Mild
PRIMARY CAUSE OF DEATH	-		

Animal Note: TGL # 06 - Noted grossly as Mesentery was Lymph Node, Lumbar
Animal Note: Pathologist noted: Ureter is present on slide # 5D

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Lung
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Clitoral Gland		Hyperplasia	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Liver		Eosinophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Marked

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 648	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300648

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1,2-5.2+13]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Minimal
		Cyst	Mild
	Epithel Cell	Hyperplasia	Moderate
Uterus		Hyperplasia	Cystic, Minimal
Vagina		Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 02 - Noted grossly as Bone was Skin

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 649	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Int Lg Cecum			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: NORMAL PEYERS PATCH			
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
[Cyst TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 3-5.3]			
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 4-13]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 649	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300649

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Moderate
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 650	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Kidney	Lung	Lymph Node, Mandibular	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 3-6.2]			
Ear		Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLS = 4-13]			
Harderian Gland	Epithelium	Degeneration	Mild
Islets, Pancreatic		Hyperplasia	Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Minimal
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 04 - Noted grossly as Zymbal`s Gland was Ear

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 650	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300650

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Nose	Oviduct	Pancreas	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Vagina		

MISSING

Clitoral Gland	Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
Adrenal Medulla		Hyperplasia	Focal, Minimal
Bone, Mandible		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma TGLS = 6-13]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 9-8]			
Clitoral Gl			
Note: PATHOLOGIST NOTED: INVOLVED WITH MAMMARY GLAND TUMOR			
Note: TGL # 11 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Harderian Gland	Epithelium	Degeneration	Moderate
[Degeneration TGLS = 8-11.1]			
Liver		Cyst	
		Hematopoietic Cell Proliferation	Minimal
		Vacuolization Cytoplasmic	Minimal
		Vacuolization Cytoplasmic	Focal
[Cyst TGLS = 4,5-5+5.2]			
[Vacuolization Cytoplasmic TGLS = 3-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 651	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300651

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 7-9.1]			
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 1-5.3]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Marked
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Skin	Lip	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-13.1]			
Spleen		Pigmentation	Moderate
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

MISSING

Adrenal Medulla

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Infarct	Minimal
	Pelvis	Mineralization	Minimal
[Infarct TGLS = 5-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 6,7-10+10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 652	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300652

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-13]			
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6.1]			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 01 - Noted grossly as Bone was Skin

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
[Degeneration TGLS = 3-3]			
Harderian Gland	Epithelium	Degeneration	Mild
		Hypertrophy	Minimal
Intestine Large, Cecum		Inflammation	Minimal
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Mild
		Lactation	Mild
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Cyst	
[Cyst TGLS = 4-6]			
Pancreas	Acinar Cell	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 653	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300653

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 654	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 742
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney		Infarct	Moderate
	Renal Tubule	Mineralization	Mild
[Infarct TGLS = 3-2]			
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2-5]			
Nose	Upper Molar	Inflammation	
Ovary		Hyperplasia	Stromal, Moderate
Pituitary Gland		Cyst	
[Cyst TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Adrenal Medulla		Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
		Inflammation	Minimal
	Renal Tubule	Mineralization	Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 3-5.2]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 5-13.1]			
Nose	Upper Molar	Inflammation	
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 655	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300655

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Mild
		Sarcoma	
[Inflammation TGLS = 2-5.3]			
[Sarcoma TGLS = 1-13]			
Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 662	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2-5]			
Nose	Upper Molar	Inflammation	
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild
Uterus	Cervix, Muscularis	Hypertrophy	
[Hypertrophy TGLS = 3-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 662	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300662

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 663	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Ovary	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Moderate
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Developmental Malformation	
		Vacuolization Cytoplasmic	Mild
[Developmental Malformation TGLS = 3-5.3]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Nose	Upper Molar	Inflammation	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Thyroid Gland	Follicular Cel	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 664	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
[Degeneration TGLS = 1-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Kidney	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenoma	
		Lactation	Mild
[Adenoma TGLS = 5-5]			
Ovary		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 2-6.3]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 665	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
Clitoral Gland		Inflammation	Minimal
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Angiectasis	Minimal
		Vacuolization Cytoplasmic	Minimal
[Angiectasis TGLS = 3-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Granulosa Cell Tumor Malignant	
		Sarcoma Stromal	
[Granulosa Cell Tumor Malignant TGLS = 2-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 4-5.2]			
Spleen		Pigmentation	Minimal
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 665	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300665

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLS = 1-6.1]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Adrenal Medulla		Hyperplasia	Focal, Minimal
Clitoral Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 2-6.2]			
Eye	Bilateral, Retina	Degeneration	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
[Cyst TGLS = 7-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
Note: TGL # 03 & 04 - NO MICROSCOPIC CORRELATE			
[Fibroadenoma TGLS = 5-13]			
Nose	Upper Molar	Inflammation	
Ovary		Cyst	
		Hyperplasia	Stromal, Moderate
[Cyst TGLS = 6-6]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Foot	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 666	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300666

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 03 & 04 - NOTED GROSSLY AS SKIN WAS MAMMRY GLAND
[Inflammation TGLS = 1-5]

Thymus	Cyst	Mild
Thyroid Gland	Cyst	Squamous, Minimal
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 05 - Noted grossly as Mesentery was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Adenocarcinoma	
	Alveolus	Degeneration	Mild
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-5.2]			
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.3]			
Spleen		Pigmentation	Minimal
Uterus		Adenoma	
		Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 667	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300667

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-6.1]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Adrenal Medulla		Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Moderate
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 2-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal
Thyroid Gland	C Cell	Carcinoma	
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 3-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 668	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300668

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 669	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Liver	Lung	Mammary Gland
Nose	Oviduct	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Mild
Adrenal Medulla		Hyperplasia	Focal, Mild
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thyroid Gland	Follicular Cel	Adenoma	
		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Focal, Moderate
		Hyperplasia	Cystic, Moderate
		Polyp Stromal	
[Polyp Stromal TGLS = 2-6.1]			

PRIMARY CAUSE OF DEATH -

Animal Note: Pathologist noted: Lymph Node, Inguinal, infiltrat cell, plasma cell, moderate located on slide # 5A

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 670	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Adenoma	
		Degeneration	Cystic, Moderate
[Adenoma TGLS = 7-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Minimal
[Dilatation TGLS = 2-6.2]			
Harderian Gland	Epithelium	Degeneration	Mild
		Hypertrophy	Mild
Heart		Cardiomyopathy	Minimal
Liver		Angiectasis	Minimal
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 8-5.3]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 3-5.2]			
Ovary		Atrophy	Mild
		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 670	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300670

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Stromal, Minimal
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 6			
[Cyst TGLS = 4-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus	Epithel Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 671	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
[Dilatation TGLS = 2-6.2]			
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Metaplasia	Mild
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 5-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
[Fibroadenoma TGLS = 3-5.2]			
Ovary		Atrophy	Minimal
Pancreas		Polyarteritis	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 671	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300671

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Thymus		Atrophy	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 672	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Minimal
Harderian Gland	Epithelium	Degeneration	Mild
Kidney		Cyst	
[Cyst TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,3-5+5.3]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
		Inflammation	Mild
		Keratoacanthoma	
[Inflammation TGLS = 4-5.2]			
[Keratoacanthoma TGLS = 2-5.4]			
Spleen		Pigmentation	Minimal
Thyroid Gland		Cyst	Squamous, Mild
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 689	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300689

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Minimal
Clitoral Gland		Inflammation	Minimal
Eye	Bilateral, Retina	Degeneration	Moderate
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node		Degeneration	Cystic, Minimal
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-13.1]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 689	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300689

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]		
Spleen	Hematopoietic Cell Proliferation	Minimal
	Pigmentation	Minimal
Thymus	Cyst	Mild
Thyroid Gland	Cyst	Squamous, Mild
Uterus	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 3-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 690	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300690

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Chronic Active, Minimal
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Note: PATHOLOGIST NOTED: INFILTRAT CELL LOCATED ON SLIDE # 12 & 12A(12.1)			
[Infiltration Cellular TGLS = 2-12+12.1]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland	Alveolus	Hyperplasia	Minimal
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 691	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300691

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
[Degeneration TGLS = 3-3]			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Infiltration Cellular	Lymphocyte, Mild
		Vacuolization Cytoplasmic	Mild
Lung		Atelectasis	Mild
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 5-13.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 6-5.2]			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLS = 2-13]			
Ovary		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 691	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 743
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300691

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 4-13.1]			
Pancreas	Acinar Cell	Degeneration	Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300701

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lymph Node, Mandibular	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Marked
Adrenal Medulla		Hyperplasia	Focal, Mild
Clitoral Gland		Hyperplasia	Mild
		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Mild
		Hypertrophy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 8-2]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 7-10]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-13]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Nose	Nasolacrim Dct	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 701	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300701

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 6-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300702

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Oviduct	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Mild
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Moderate
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2,3,4-5+5.2+5.3+5.4]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Cyst	
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 702	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300702

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5-5.5]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300703

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Mild
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 8-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Liver		Angiectasis	Mild
[Angiectasis TGLS = 5-5]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 9-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 2,3,4-5.2+5.3+5.4]			
Nose	Upper Molar	Inflammation	
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 703	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300703

ORGAN AND ACCOUNTABLE SITE STATUS

[Cyst TGLS = 6-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.5]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300704

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 1-8]			
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
[Cyst TGLS = 5-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 3-5]			
Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 704	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300704

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Mild
	Metaplasia	Minimal
[Hyperplasia TGLS = 4-6.1]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300705

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
[Degeneration TGLS = 4-3]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 705	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300705

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.3]			
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300706

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Ovary	Oviduct		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Moderate
[Degeneration TGLS = 6-3]			
Clitoral Gland	Duct	Dilatation	Marked
		Inflammation	Moderate
[Inflammation TGLS = 2-6.2]			
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 7-2]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 9-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Mild

Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 3 ON SLIDE # 5E(5.5)
[Fibroadenoma TGLS = 3,4-5.4+5.5+5.2]

Ovary

Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 706	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300706

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 08 - NO SECTION TAKEN			
Oviduct			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.3]			
Spleen	Red Pulp	Hyperplasia	Mild
[Hyperplasia TGLS = 5-5]			
Thymus		Atrophy	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300707

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Liver	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Vagina			

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 3-6.2]			
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Mild
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 8-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 707	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300707

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 1-13]			
Ovary		Atrophy	Mild
		Cyst	
	Serosa	Hyperplasia	Minimal
[Cyst TGLS = 5-6.3]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-5.2]			
Spleen		Pigmentation	Mild
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300708

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Marked
[Hypertrophy TGLS = 3-3]			
Adrenal Medulla		Hyperplasia	Focal, Minimal
Harderian Gland	Epithelium	Degeneration	Mild
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Vacuolization Cytoplasmic	Minimal
		Vacuolization Cytoplasmic	Focal
[Vacuolization Cytoplasmic TGLS = 5-5]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 708	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300708

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300709

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Adrenal Medulla

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
[Dilatation TGLS = 3-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Mild
Liver		Basophilic Focus	
		Vacuolization Cytoplasmic	Focal
[Vacuolization Cytoplasmic TGLS = 6-5]			
Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLS = 7-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Galactocele	Moderate
	Alveolus	Hyperplasia	Mild
		Lactation	Mild
[Galactocele TGLS = 2-13]			
Ovary		Cyst	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 709	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300709

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 4-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Moderate
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Ovary	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Cerebrum	Granular Cell Tumor Benign	
[Granular Cell Tumor Benign TGLS = 3-8]			
Clitoral Gland		Inflammation	Minimal
Eye	Bilateral, Retina	Degeneration	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 2-2]			
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 710	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300710

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Cyst	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300720

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 3-2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 1-6]			
Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 720	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300720

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Mild
	Metaplasia	Minimal
[Hyperplasia TGLS = 2-6.1]		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 721	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300721

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Kidney	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Adrenal Medulla		Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Mild
		Lactation	Mild
Ovary		Atrophy	Minimal
Pancreas	Acinar Cell	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 722	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300722

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Adrenal Medulla		Hyperplasia	Focal, Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
Ovary		Cyst	
[Cyst TGLS = 3-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Minimal
Thyroid Gland		Cyst	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Lung	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
[Adenoma TGLS = 6-9.1]			
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 5-13.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Note: TGL # 06 - NOTED GROSSLY AS LYMPH NODE, MESENTERIC WAS ISLETS PANCREAS			
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2,3-13+13.1]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 723	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 744
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300723

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Thyroid Gland	C Cell	Adenoma	
Uterus		Hyperplasia	Cystic, Mild
		Metaplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300744

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Degeneration	Cystic, Mild
		Inflammation	Granulomatous, Moderate
[Degeneration TGLS = 4-13]			
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 744	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300744

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TGL # 04 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300745

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
[Hypertrophy TGLS = 8-3]			
Bone Marrow		Hypocellularity	Mild
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Basophilic Focus	
		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Focal
[Eosinophilic Focus TGLS = 9-5.2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 10-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	Multiple
		Lactation	Minimal
[Adenocarcinoma TGLS = 3-5.5]			
[Fibroadenoma TGLS = 2,4-5.4+5.6]			
Nose		Keratin Cyst	
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 745	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300745

ORGAN AND ACCOUNTABLE SITE STATUS

		Cyst	
[Cyst TGLS = 5-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.3]			
Spleen		Pigmentation	Moderate
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 6-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 746
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300746

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
[Degeneration TGLS = 6-3]			
Clitoral Gland		Inflammation	Minimal
[Inflammation TGLS = 3-6.2]			
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 7-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
		Lactation	Mild
[Fibroadenoma TGLS = 2,4-5.3+5.4]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 8-3]			
Skin	Foot	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 746	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 746
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300746

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]		
Spleen	Pigmentation	Minimal
Thymus	Atrophy	Minimal
Uterus	Metaplasia	Minimal
Note: TGL # 05 - NO MICROSCOPIC CORRELATE		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300747

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Clitoral Gland	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
[Degeneration TGLS = 5-3]			
Adrenal Medulla		Hyperplasia	Focal, Mild
Brain	Cerebrum	Astrocytoma Malignant	
Eye	Bilateral, Retina	Degeneration	Mild
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 10-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 7-13.1]			
[Infiltration Cellular TGLS = 6-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3,4-5.2+5.3+5.4]			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 9-3]			
Skin	Foot	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 747	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300747

ORGAN AND ACCOUNTABLE SITE STATUS

	Lip	Inflammation	Chronic, Moderate
[Inflammation TGLS = 8-5.5]			
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Stom Gland			
Note: TGL # 11 - NO MICROSCOPIC CORRELATE			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 11 - Noted grossly as Intestine Small was Stomach Glandular

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 748	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Lung	Nose	Oviduct
Pancreas	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
[Dilatation TGLS = 2-6.2]			
Islets, Pancreatic		Adenoma	
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Necrosis	Mild
		Vacuolization Cytoplasmic	Focal
[Necrosis TGLS = 5-5]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 6-13]			
Lymph Node, Mandibular		Cyst	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
Note: PATHOLOGIST NOTED: ALSO LOCATED ON SLIDE # 6B(6.2)			
[Fibroadenoma TGLS = 3,4-5.3+6.2+5.4]			
Ovary		Hyperplasia	Stromal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 748	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300748

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Focal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 749	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300749

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
[Degeneration TGLS = 2-3]			
Clitoral Gland		Inflammation	Minimal
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Ovary		Cyst	
[Cyst TGLS = 4-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland		Cyst	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Thymus		Cyst	Mild
Thyroid Gland		Cyst	Squamous, Minimal
Vagina		Granular Cell Tumor Benign	
[Granular Cell Tumor Benign TGLS = 5-6.2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300750

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Oviduct

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
[Degeneration TGLS = 3-3]			
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Pelvis	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Galactocele	Mild
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Galactocele TGLS = 2-5.3]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 750	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300750

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Minimal
	Metaplasia	Minimal
[Hyperplasia TGLS = 5-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Liver	Lung	Lymph Node, Mesenteric
Nose	Ovary	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Moderate
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 2-6.2]			
Islets, Pancreatic		Carcinoma	
[Carcinoma TGLS = 4-13]			
Kidney	Renal Tubule	Mineralization	Minimal
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
Note: TGL # 04 - NOTED GROSSLY AS LYMPH NODE, PANCREATIC WAS ISLETS PANCREAS			
[Infiltration Cellular TGLS = 5-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 3-5.2]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 751	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300751

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 752	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300752

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Hyperplasia	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenoma	
		Lactation	Minimal
[Adenoma TGLS = 1-5]			
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Mild
		Sarcoma Stromal	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.2]			
Spleen		Pigmentation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300753

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
[Degeneration TGLS = 4-3]			
Clitoral Gland		Inflammation	Minimal
Eye	Retina	Degeneration	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Mild
[Cyst TGLS = 6-2]			
[Nephropathy TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mandibular		Degeneration	Cystic, Minimal
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
[Inflammation TGLS = 7-9.1]			
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 753	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300753

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinar Cell	Degeneration	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Note: PATHOLOGIST NOTED: TGL # 2 ALSO LOCATED ON SLIDE # 5A(5.1)			
[Fibroadenoma TGLS = 2-5.1+5.2]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 754	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300754

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thyroid Gland	Cyst	Squamous, Minimal
Uterus	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 4-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300755

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node, Mandibular	Mammary Gland	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Minimal
Ear		Hemorrhage	Mild
[Hemorrhage TGLS = 3-13]			
Eye	Retina	Degeneration	Minimal
Heart		Cardiomyopathy	Mild
		Schwannoma Nos	
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Angiectasis	Mild
	Biliar Tract	Fibrosis	Mild
[Angiectasis TGLS = 2-5.2]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Cyst	
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 755	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300755

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Minimal
Thymus	Cyst	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 746
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300756

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Moderate
[Degeneration TGLS = 4-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 8-8]			
Eye	Bilateral, Retina	Degeneration	Moderate
Kidney		Infarct	Minimal
	Renal Tubule	Mineralization	Minimal
[Infarct TGLS = 3-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.3]			
[Lactation TGLS = 1-5.2]			
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 5-13]			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 756	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 746
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300756

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-3]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 6-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300757

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mesenteric
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 5,10-3]			
Islets, Pancreatic		Carcinoma	
Note: PATHOLOGIST NOTED: CARCINOMA LOCATED ON SLIDE # 13A(13.1)			
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 7-2]			
Liver		Fibrous Histiocytoma	Metastatic (Skin)
[Fibrous Histiocytoma TGLS = 3-5.3]			
Lymph Node	Lumbar	Degeneration	Cystic, Minimal
	Pancreatic	Fibrous Histiocytoma	Metastatic (Skin)
	Renal	Fibrous Histiocytoma	Metastatic (Skin)
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Fibrous Histiocytoma TGLS = 6-13]			
[Fibrous Histiocytoma TGLS = 8-13.1]			
[Infiltration Cellular TGLS = 9-13.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	
		Lactation	Minimal
Note: TGL # 02 - NOTED GROSSLY AS MAMMARY GLAND WAS SKIN			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 757	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300757

ORGAN AND ACCOUNTABLE SITE STATUS

[Fibroadenoma TGLS = 12-5.4]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 11-3]			
Skin		Fibrous Histiocytoma	
	Foot	Inflammation	Chronic, Moderate
[Fibrous Histiocytoma TGLS = 2-5.2]			
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	-		

Animal Note: Pathologist noted: Lymph Node, Mediastinal, fibro histio on slide # 1

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 758	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300758

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Lymph Node

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 3-3]			
Clitoral Gland		Hyperplasia	Mild
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Mineralization	Minimal
Lymph Node			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Note: TGL # 04 - NO MICROSCOPIC CORRELATE (LYMPH NODE, LUMBAR)			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 6 ON SLIDE # 9C(9.3)			
Note: PATHOLOGIST NOTED: TGL # 6 ALSO LOCATED ON SLIDE # 9A(9.1) & 9B(9.2)			
[Inflammation TGLS = 6-9.1+9.2+9.3]			
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
Note: PATHOLOGIST NOTED: ADDITIONAL TISSUE LOCATED ON SLIDE # 13			
[Fibroadenoma TGLS = 1-5]			
Nose	Nasolacrim Dct	Inflammation	Minimal
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 758	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300758

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Note: PATHOLOGIST NOTED: ADDITIONAL TISSUE LOCATED ON SLIDE # 13A(13.1)			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 759	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300759

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 6-8]			
Clitoral Gland		Inflammation	Minimal
Kidney		Cyst	
		Hydronephrosis	Mild
	Epithelium, Pelvis	Hyperplasia	Mild
	Renal Tubule	Mineralization	Mild
[Hydronephrosis TGLS = 4-2]			
Liver	Bile Duct	Hyperplasia	Minimal
		Necrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 759	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300759

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]		
Spleen	Pigmentation	Moderate
Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 03 - Noted grossly as Lymph Node, Deep Cervical was Mammary Gland

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300760

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Harderian Gland	Epithelium	Degeneration	Mild
Kidney		Infarct	Minimal
	Pelvis	Mineralization	Minimal
Liver		Angiectasis	Mild
		Basophilic Focus	
		Developmental Malformation	
[Angiectasis TGLS = 8-5.2]			
[Developmental Malformation TGLS = 7-5]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Minimal

Note: TGL # 03 - NO MICROSCOPIC CORRELATE

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 760	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300760

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 4-6.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 761	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300761

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
[Degeneration TGLS = 4-3]			
Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Minimal
[Angiectasis TGLS = 3-5.3]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 761	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 745
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300761

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus		Cyst	Moderate
	Epithel Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 782	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300782

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Bone, Femur	Brain - Cerebellum	Brain - Cerebrum
Clitoral Gland	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Blood Vessel		Mineralization	Mild
Bone Marrow		Hypocellularity	Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 4-8]			
Heart		Cardiomyopathy	Moderate
		Mineralization	Moderate
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	Multiple
	Alveolus	Hyperplasia	Mild
[Adenocarcinoma TGLS = 1,2-5.1+5.2]			
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Spleen	Lymphocyte	Atrophy	Mild
		Pigmentation	Marked
Thymus		Atrophy	Marked
Uterus		Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 782	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Natural Death	**HISTO:** 21320300782

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 805	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300805

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Lung
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
[Degeneration TGLS = 5-3]			
Bone Marrow	Myeloid Cell	Hyperplasia	Mild
Clitoral Gland		Inflammation	Mild
Eye	Retina	Degeneration	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 3-6.3]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 805	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300805

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 806	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300806

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Liver		Eosinophilic Focus	
		Vacuolization Cytoplasmic	Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
[Hyperplasia TGLS = 4-10]			
Lymph Node	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-5.2]			
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Thymus		Cyst	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300807

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone Marrow
Bone, Femur	Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
[Cyst TGLS = 5-2]			
Liver		Basophilic Focus	
[Basophilic Focus TGLS = 6-5.3]			
Lung			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lymph Node			
Note: TGL # 01 - NO MICROSCOPIC CORRELATE (LYMPH NODE, AXILLARY)			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 3-5]			
Ovary		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 4-13.1]			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Foot	Inflammation	Chronic, Mild
Note: TGL # 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 807	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300807

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 2-5.2]			
Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300808

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Minimal
Harderian Gland		Hypertrophy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
[Cyst TGLS = 3-2]			
Liver		Angiectasis	Minimal
		Basophilic Focus	
	Bile Duct	Hyperplasia	Mild
[Angiectasis TGLS = 6-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Minimal
[Fibroadenoma TGLS = 4-5.2]			
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 808	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300808

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin			
Note: TGL # 04 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300809

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
[Cyst TGLS = 2-2]			
Liver		Angiectasis	Minimal
		Vacuolization Cytoplasmic	Minimal
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
[Angiectasis TGLS = 6-5]			
Lymph Node	Popliteal	Infiltration Cellular	Plasma Cell, Minimal
Note: TGL # 07 - NOTED GROSSLY AS LYMPH NODE, POPLITEAL WAS SKELETAL MUSCLE			
[Infiltration Cellular TGLS = 4-13.2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Degeneration	Cystic, Marked
		Inflammation	Granulomatous, Mild
[Degeneration TGLS = 3-13.1]			
Ovary		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skeletal Muscle		Hemangiosarcoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 809	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300809

ORGAN AND ACCOUNTABLE SITE STATUS

		Sarcoma	
[Hemangiosarcoma TGLS = 7-13.3]			
[Sarcoma TGLS = 1-13]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 8-5.2]			

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 01 - Noted grossly as Mesentery was Skeletal Muscle
Animal Note: TGL # 03 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 810	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300810

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
Liver		Angiectasis	Minimal
		Cyst	
	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	Multiple
		Lactation	Minimal
[Adenocarcinoma TGLS = 2-12+12.1]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Saliv Glands			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 810	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300810

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 02 - NOTED GROSSLY AS SALIVARY GLAND WAS MAMMARY GLAND

Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Mild
		Pigmentation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 811	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300811

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland	Duct	Dilatation	Minimal
		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
		Hypertrophy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
Liver		Inflammation	Chronic Active, Mild
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2-5.3]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 1-5.2]			
Spleen		Hematopoietic Cell Proliferation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 811	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300811

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Cyst	Moderate
Uterus	Hyperplasia	Cystic, Minimal
	Metaplasia	Minimal
[Hyperplasia TGLS = 4-6.1]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 812	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300812

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Mammary Gland	Nose	Ovary
Oviduct	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Adrenal Medulla		Hyperplasia	Focal, Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 813	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300813

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
		Hypertrophy	Marked
[Degeneration TGLS = 10-3]			
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Mild
[Dilatation TGLS = 4-6.2]			
Eye	Bilateral, Retina	Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
		Inflammation	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 6-2]			
Liver		Cyst	
[Cyst TGLS = 8-5.4]			
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 7-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 5-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 813	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300813

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
[Hyperplasia TGLS = 9-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Metaplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 814	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300814

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Mild
[Degeneration TGLS = 9-3]			
Adrenal Medulla		Hyperplasia	Focal, Minimal
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 11-8]			
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 4-6.2]			
Eye		Polyarteritis	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 814	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300814

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[Hyperplasia TGLS = 6,7-6.1]			
[Polyp Stromal TGLS = 5,8-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 815	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300815

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Adrenal Medulla		Hyperplasia	Focal, Minimal
Harderian Gland	Epithelium	Degeneration	Mild
[Degeneration TGLS = 3-11.1]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
Liver		Basophilic Focus	
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 5-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 1-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-5]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 815	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300815

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 816	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300816

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Mammary Gland	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Mild
[Inflammation TGLS = 1-6.2]			
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
[Cyst TGLS = 3-2]			
Liver		Vacuolization Cytoplasmic	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
	Popliteal	Infiltration Cellular	Plasma Cell, Mild
	Renal	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 5-13.2]			
[Infiltration Cellular TGLS = 2-13]			
[Infiltration Cellular TGLS = 4-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Atrophy	Minimal
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
[Hyperplasia TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 816	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300816

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 7-5]			
Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 817	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300817

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone, Femur	Brain - Brain Stem	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Adrenal Medulla

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Bone Marrow		Hypocellularity	Mild
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Mild
		Hypertrophy	Minimal
Liver		Angiectasis	Minimal
		Cyst	
[Angiectasis TGLS = 3-5]			
[Cyst TGLS = 4-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
		Lactation	Mild
[Fibroadenoma TGLS = 1,2-5.2+5.3]			
Ovary		Cyst	
[Cyst TGLS = 5-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 817	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300817

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 7-5.4]			
Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 818	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300818

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Vagina		

MISSING

Adrenal Medulla

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Minimal
[Compression TGLS = 5-8]			
Harderian Gland	Epithelium	Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Liver		Eosinophilic Focus	
Note: TGL # 03 - NO MICROSCOPIC CORRELATE			
[Eosinophilic Focus TGLS = 1,2-5.2]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 7-10]			
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
		Cyst	
[Cyst TGLS = 4-13]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 818	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300818

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Mild
Thymus	Cyst	Minimal
Thyroid Gland	Cyst	Squamous, Moderate
Uterus	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 819	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300819

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney	Pelvis	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 2-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
Ovary		Atrophy	Minimal
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 820	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300820

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Atrophy	Minimal
		Cyst	
[Cyst TGLS = 1-13]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.2]			
Spleen	Lymphocyte	Atrophy	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Mild
Thymus		Cyst	Minimal
Thyroid Gland		Cyst	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300821

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 7-8]			
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Degeneration	Cystic, Mild
		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Galactocele	Moderate
		Lactation	Mild
[Galactocele TGLS = 1,2-5.1+5.2]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 821	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Moribund	**HISTO:** 21320300821

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5-5.3]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 4-6.1]			
PRIMARY CAUSE OF DEATH	- Pituitary Gland Pars Distalis Adenoma		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300826

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node, Mandibular
Nose	Oviduct	Pancreas	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Minimal
Eye	Bilateral, Lens	Cataract	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
Parathyroid Gl			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 4-5.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 826	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Natural Death	**HISTO:** 21320300826

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Lymphocyte	Atrophy	Moderate
		Pigmentation	Moderate
Thymus		Atrophy	Moderate
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 1-6.1]			

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300829

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Minimal
[Degeneration TGLS = 4-3]			
Eye	Retina	Degeneration	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 5-2]			
Liver		Eosinophilic Focus	
[Eosinophilic Focus TGLS = 7-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenoma	
		Fibroadenoma	Multiple
		Lactation	Minimal
Note: PATHOLOGIST NOTED: ADENOMA LOCATED ON SLIDE # 5A(5.1)			
[Fibroadenoma TGLS = 2,3-5.3+5.4]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 829	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300829

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300830

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 2-6.2]			
Harderian Gland		Hypertrophy	Mild
Kidney	Pelvis	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Vacuolization Cytoplasmic	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland	Alveolus	Hyperplasia	Minimal
Pituitary Gland		Cyst	
	Pars Distalis	Hyperplasia	Mild
[Cyst TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
Thymus			

Note: PATHOLOGIST NOTED: AREA TRIMMED

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 830	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300830

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland		Cyst	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 831	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300831

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Esophagus	Eye	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lymph Node	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
Adrenal Medulla		Hyperplasia	Focal, Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 9-8]			
Clitoral Gland	Duct	Dilatation	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 5-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 7-10]			
Lymph Node			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE (LYMPH NODE, LUMBAR)			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	Multiple
		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 831	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300831

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenocarcinoma TGLS = 1,2-5.2+5.4]			
[Fibroadenoma TGLS = 3-5.3]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 02 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 8-5]			
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 4-5]			
Uterus		Hyperplasia	Cystic, Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 832	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300832

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Intestine Large, Rectum	Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Mild
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 5-8]			
Clitoral Gland	Parenchym Cell	Degeneration	Moderate
	Duct	Dilatation	Moderate
[Dilatation TGLS = 1-6.2]			
Harderian Gland	Epithelium	Degeneration	Mild
		Hypertrophy	Minimal
Int Lg Rectum			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Liver		Atypical Cells	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Mild
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 6-10]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 832	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300832

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 3-5.2]			
Spleen	Lymphocyte	Atrophy	Minimal
		Pigmentation	Mild
Thymus			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 833	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300833

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic	Lung
Lymph Node, Mesenteric	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Minimal
[Degeneration TGLS = 2,3-3]			
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 6-8]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Int Lg Cecum			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 13			
Intestine Small, Jejunum		Inflammation	Moderate
Note: PATHOLOGIST NOTED: TGL # 8 IS ON SLIDE # 9,NOT SLIDE # 13			
[Inflammation TGLS = 8-9]			
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Minimal
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Adenoma	
	Alveolus	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 833	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300833

ORGAN AND ACCOUNTABLE SITE STATUS

		Lactation	Minimal
[Adenoma TGLS = 1-5.2]			
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Minimal
[Cyst TGLS = 4-6]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Spleen		Pigmentation	Moderate
Thymus		Cyst	Mild
Uterus			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 834	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300834

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hypertrophy	Minimal
Adrenal Medulla		Hyperplasia	Focal, Minimal
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
Lymph Node	Axillary	Degeneration	Cystic, Mild
	Axillary	Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 2-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 3-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 834	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300834

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 835	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300835

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Harderian Gland	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Kidney	Lung	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 7-8]			
Eye	Bilateral, Lens	Cataract	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	Multiple
		Lactation	Minimal
[Adenocarcinoma TGLS = 1-5.2]			
[Fibroadenoma TGLS = 2,3,4-5.3+5.4+5]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: PATHOLOGIST NOTED: TGL # 06 LOCATED ON SLIDE 8 ALSO			
[Adenoma TGLS = 6-3,8]			
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-6.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300836

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Minimal
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 8-6.2]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 5E(5.5)			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 4-12]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Atypical Focus	
		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 2,3-5.4+5.3]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 836	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300836

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 02 & 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Mild
Uterus		Hyperplasia	Cystic, Mild
[Hyperplasia TGLS = 5-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 837	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300837

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Mammary Gland
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Skin	Stomach, Glandular	Thymus	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Stomach, Forestomach

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 1-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Nose	Upper Molar	Inflammation	
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Pigmentation	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300838

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Minimal
Harderian Gland		Hypertrophy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Minimal
[Cyst TGLS = 2-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Degeneration	Cystic, Moderate
		Inflammation	Granulomatous, Mild
[Degeneration TGLS = 4-13]			
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 838	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300838

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Minimal
	Polyp Stromal	
[Hyperplasia TGLS = 3-6.1]		

PRIMARY CAUSE OF DEATH -

Animal Note: TGL # 04 - Noted grossly as Mesentery was Lymph Node, Mesenteric

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 839	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300839

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Lymph Node, Mandibular
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Mild
		Hypertrophy	Mild
[Degeneration TGLS = 2-3]			
Harderian Gland	Epithelium	Degeneration	Minimal
Kidney		Cyst	
	Epithelium, Pelvis	Hyperplasia	Mild
	Pelvis	Mineralization	Mild
[Cyst TGLS = 6-2]			
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 3-5.2]			
Ovary		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 4-5]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 839	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300839

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Hyperplasia	Cystic, Minimal
Note: TGL # 01 - NO MICROSCOPIC CORRELATE		
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300840

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hypertrophy	Moderate
Adrenal Medulla		Hyperplasia	Focal, Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 4-8]			
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 6-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Mild
[Fibroadenoma TGLS = 1,2-5.2+5.3]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 840	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300840

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Minimal
[Inflammation TGLS = 7-5.4]			
Spleen		Pigmentation	Mild
Thymus		Atrophy	Minimal
		Cyst	Minimal
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300841

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland	Esophagus
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Mild
Eye	Retina	Degeneration	Minimal
Harderian Gland	Epithelium	Degeneration	Moderate
Kidney	Renal Tubule	Mineralization	Mild
Liver		Infiltration Cellular	Lymphocyte, Minimal
Lung			
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Moderate
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Moderate
		Cyst	
		Hyperplasia	Stromal, Minimal
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 841	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300841

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thymus		Atrophy	Mild
		Cyst	Mild
	Epithel Cell	Hyperplasia	Moderate
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 2-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 862	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300862

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Liver		Developmental Malformation	
[Developmental Malformation TGLS = 7-5.3]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Fibroadenoma	
	Alveolus	Hyperplasia	Mild
		Lactation	Mild
[Fibroadenoma TGLS = 1-5]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 862	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300862

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 4-5.2]			
Spleen		Pigmentation	Minimal
Thymus			
Note: AREA TRIMMED			
Uterus			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 863	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300863

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Liver
Lung	Nose	Oviduct	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Mild
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Minimal
		Lactation	Minimal
Ovary		Atrophy	Minimal
		Cyst	
[Cyst TGLS = 1-13]			
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 2-5]			
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 866	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300866

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Liver	Nose
Ovary	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Minimal
[Dilatation TGLS = 2-6.2]			
Kidney	Renal Tubule	Mineralization	Minimal
Lung		Infiltration Cellular	Histiocyte, Minimal
[Infiltration Cellular TGLS = 3,4-10+10.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 5-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Moderate
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Uterus		Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 866	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300866

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Focal, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 867	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300867

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Vagina			

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hyperplasia	Minimal
		Hypertrophy	Mild
[Degeneration TGLS = 3-3]			
Adrenal Medulla		Hyperplasia	Focal, Mild
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 4-2]			
Liver			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Lactation	Mild
Nose		Inflammation	Minimal
Ovary		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 867	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300867

ORGAN AND ACCOUNTABLE SITE STATUS

		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Minimal
Thymus			
Note: PATHOLOGIST NOTED: AREA TRIMMED			
Thyroid Gland		Cyst	Squamous, Minimal
	C Cell	Hyperplasia	Mild
Uterus		Hyperplasia	Cystic, Moderate
		Metaplasia	Minimal
[Hyperplasia TGLS = 5-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 868	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300868

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Harderian Gland
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mesenteric	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 3-8]			
Clitoral Gland		Inflammation	Minimal
Eye	Retina	Degeneration	Minimal
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Mammary Gland		Atypical Focus	
		Lactation	Minimal
Ovary		Cyst	
		Hyperplasia	Stromal, Mild
Note: PATHOLOGIST NOTED: ALSO LOCATED ON SLIDE # 13			
[Cyst TGLS = 1-13]			
Oviduct			
Note: PATHOLOGIST NOTED: ALSO LOCATED ON SLIDE # 13			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 2-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 868	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300868

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 869	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300869

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Liver	Nose	Ovary
Oviduct	Pancreas	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Trachea	Urinary Bladder	Vagina

MISSING

Parathyroid Gland	Thymus		

OBSERVATIONS

Adrenal Cortex		Angiectasis	Minimal
		Hyperplasia	Minimal
Clitoral Gland	Duct	Dilatation	Moderate
[Dilatation TGLS = 2-6.2]			
Intestine Large, Colon		Leiomyosarcoma	
[Leiomyosarcoma TGLS = 9-9]			
Kidney		Cyst	
	Renal Tubule	Mineralization	Moderate
[Cyst TGLS = 3-2]			
Lung		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 5-10]			
Lymph Node	Lumbar	Degeneration	Cystic, Minimal
	Lumbar	Infiltration Cellular	Plasma Cell, Minimal
	Popliteal	Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 4-13.1]			
[Infiltration Cellular TGLS = 6-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
	Alveolus	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 869	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300869

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenocarcinoma TGLS = 1-5.4]			
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Mild
		Osteosarcoma	
[Inflammation TGLS = 7-5.2]			
[Osteosarcoma TGLS = 8-5.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland		Cyst	Squamous, Minimal
Uterus		Hyperplasia	Cystic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 870	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300870

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Glandular	Trachea	Urinary Bladder
Uterus	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Adrenal Medulla		Hyperplasia	Focal, Mild
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Moderate
[Inflammation TGLS = 2-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Int Lg Colon			
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Infiltration Cellular	Lymphocyte, Minimal
Note: TGL # 05 & 06 - NO SECTION TAKEN			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Galactocele	Moderate
[Fibroadenoma TGLS = 3,4-5.3+5.4]			
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 870	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300870

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Pigmentation	Minimal
Stomach, Forestomach		Hyperplasia	Minimal
Thymus		Cyst	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 871	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300871

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Trachea			

MISSING

Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
		Hypertrophy	Minimal
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Moderate
Liver		Angiectasis	Mild
[Angiectasis TGLS = 11-5]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Renal	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Degeneration TGLS = 8,10-13+13.2]			
[Infiltration Cellular TGLS = 9-13.1]			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Mild
[Fibroadenoma TGLS = 2,3,4,5-5.3+5.4+5.5+5.6]			
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 871	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 749
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300871

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 13C(13.3)			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 12-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5.2]			
Thymus	Epithel Cell	Hyperplasia	Mild
Urin Bladder			
Note: PATHOLOGIST NOTED: RECUT AND WET TISSUE ATTEMPTED			
Uterus		Hyperplasia	Cystic, Minimal
[Hyperplasia TGLS = 7-6.1]			
Vagina			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 872	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300872

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach, Forestomach	Stomach, Glandular	Thymus
Trachea	Uterus		

MISSING

Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
		Hypertrophy	Minimal
Clitoral Gland	Duct	Dilatation	Moderate
		Inflammation	Minimal
		Squamous Cell Papilloma	
Note: TGL # 05 - NO MICROSCOPIC CORRELATE			
[Dilatation TGLS = 4-6.2]			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Liver		Fibrosis	Minimal
Note: PATHOLOGIST NOTED: WET TISSUE REQUESTED FOR TGL # 8 ON SLIDE # 5H(5.8)			
[Fibrosis TGLS = 8-5.8]			
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 9-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 872	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300872

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Minimal
[Fibroadenoma TGLS = 2,3,6,7-5.3+5.6+5.5+5.4]			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Skin	Foot	Inflammation	Chronic, Mild
Note: TGL # 03 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 1-5.2]			
Thyroid Gland		Cyst	Squamous, Minimal
Urin Bladder			
Note: PATHOLOGIST NOTED: MISSING AT TRIM			
Vagina			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 873	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300873

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Minimal
Islets, Pancreatic		Adenoma	
Kidney	Epithelium, Pelvis	Hyperplasia	Mild
	Renal Tubule	Mineralization	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Vacuolization Cytoplasmic	Minimal
Note: TGL # 07 - NO MICROSCOPIC CORRELATE			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 5-10]			
Lymph Node, Mandibular		Degeneration	Cystic, Minimal
		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3,4-5.3+5.4+5.5]			
Ovary		Hyperplasia	Stromal, Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 873	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300873

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Hematopoietic Cell Proliferation	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 874	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300874

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Brain Stem
Brain - Cerebellum	Brain - Cerebrum	Esophagus	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Lymph Node, Mandibular	Nose	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
Adrenal Medulla		Pheochromocytoma Benign	
Clitoral Gland		Inflammation	Minimal
Eye	Bilateral, Retina	Degeneration	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Kidney	Pelvis	Mineralization	Minimal
	Renal Tubule	Mineralization	Mild
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Lymphocyte, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2-5]			
Ovary		Cyst	
		Hyperplasia	Stromal, Mild
[Cyst TGLS = 3-6]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 875	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 753
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300875

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Nose	Oviduct	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
[Degeneration TGLS = 2-3]			
Clitoral Gland		Inflammation	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-5]			
Ovary		Cyst	
[Cyst TGLS = 3-13]			
Skin			
Note: TGL # 01 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
Spleen		Hematopoietic Cell Proliferation	Mild
Thymus		Cyst	Minimal
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 875	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 753
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300875

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Hyperplasia	Cystic, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 876	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300876

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Liver	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Hyperplasia	Mild
Clitoral Gland		Inflammation	Mild
Harderian Gland	Epithelium	Degeneration	Mild
Heart		Cardiomyopathy	Minimal
Islets Panc			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Minimal
Lymph Node	Renal	Degeneration	Cystic, Minimal
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
	Renal	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-13]			
[Infiltration Cellular TGLS = 4-13.1]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Fibroadenoma	Multiple
	Alveolus	Hyperplasia	Mild
		Lactation	Mild
[Fibroadenoma TGLS = 1,7-5.2+5.4]			
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 876	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300876

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas			
Note: PATHOLOGIST NOTED: LOCATED ON SLIDE # 9			
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 5-5.3]			
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Hyperplasia	Cystic, Moderate
		Metaplasia	Mild
[Hyperplasia TGLS = 2-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 907	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Lung	Lymph Node, Mandibular	Nose
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Marked
		Hyperplasia	Minimal
[Degeneration TGLS = 2-3]			
Clitoral Gland		Inflammation	Mild
Heart		Cardiomyopathy	Moderate
Kidney	Renal Tubule	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Minimal
		Metaplasia	Minimal
[Hyperplasia TGLS = 4-6.1]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 908	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Islets, Pancreatic
Lung	Lymph Node, Mandibular	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Mild
Intestine Small, Jejunum		Adenoma	
[Adenoma TGLS = 2-9.1]			
Kidney		Cyst	
		Infarct	Minimal
	Renal Tubule	Mineralization	Moderate
Liver		Basophilic Focus	
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Mammary Gland		Lactation	Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
		Cyst	
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 909	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Nose	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Vagina

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Moderate
Harderian Gland		Hypertrophy	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 4-2]			
Liver	Bile Duct	Hyperplasia	Mild
Lung		Infiltration Cellular	Histiocyte, Marked
[Infiltration Cellular TGLS = 5-10]			
Lymph Node	Popliteal	Infiltration Cellular	Plasma Cell, Minimal
[Infiltration Cellular TGLS = 6-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2-5]			
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 909	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300909

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 8-5]			
Spleen		Pigmentation	Mild
Uterus		Hyperplasia	Cystic, Moderate
		Metaplasia	Mild
[Hyperplasia TGLS = 3-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 910	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic
Lung	Lymph Node, Mesenteric	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Moderate
[Inflammation TGLS = 3-6.2]			
Harderian Gland	Epithelium	Degeneration	Minimal
Heart		Cardiomyopathy	Minimal
Kidney	Renal Tubule	Mineralization	Mild
Liver	Biliar Tract	Fibrosis	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Mammary Gland		Fibroadenoma	
		Lactation	Mild
[Fibroadenoma TGLS = 2-5.3]			
Mesentery		Lipoma	
[Lipoma TGLS = 4-13]			
Ovary		Hyperplasia	Stromal, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 7-3]			
Skin	Foot	Inflammation	Chronic, Mild
[Inflammation TGLS = 1-5.2]			
Spleen		Pigmentation	Mild
Uterus	Cervix, Muscularis	Hypertrophy	
[Hypertrophy TGLS = 5-6.1]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 910	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300910

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina	Sarcoma Stromal
[Sarcoma Stromal TGLS = 6-6.2]	
PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 911	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebrum	Esophagus	Eye	Harderian Gland
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Lung
Nose	Oviduct	Parathyroid Gland	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Vagina	

MISSING

Brain - Cerebellum

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Moderate
Brain	Brain Stem	Compression	Mild
[Compression TGLS = 9-8]			
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
[Cyst TGLS = 5-2]			
Liver		Degeneration	Cystic, Minimal
	Biliar Tract	Fibrosis	Mild
Lymph Node	Lumbar	Degeneration	Cystic, Moderate
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 8-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	Multiple
		Lactation	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 911	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300911

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenocarcinoma TGLS = 4-5.2]			
[Fibroadenoma TGLS = 2,3-5.3+5.4]			
Ovary		Atrophy	Mild
		Cyst	
[Cyst TGLS = 6-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 10-3]			
Skin	Foot	Inflammation	Chronic, Moderate
Note: TGL # 04 - NOTED GROSSLY AS SKIN WAS MAMMARY GLAND			
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Minimal
Uterus		Hyperplasia	Cystic, Mild
		Polyp Stromal	
[Hyperplasia TGLS = 7-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 912	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 751
	DOSE: F1 500PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Islets, Pancreatic	Mammary Gland	Nose	Ovary
Oviduct	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Trachea
Urinary Bladder	Uterus	Vagina	

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
Clitoral Gland		Inflammation	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Cyst	
	Renal Tubule	Mineralization	Mild
		Nephropathy	Minimal
[Cyst TGLS = 1,2-2]			
Liver		Angiectasis	Minimal
[Angiectasis TGLS = 3-5]			
Lung		Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 4-3]			
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Minimal
Thymus		Cyst	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 913	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Oviduct	Parathyroid Gland	Salivary Glands	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

MISSING

Thymus

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Mild
Kidney	Pelvis	Mineralization	Minimal
Liver		Eosinophilic Focus	
	Biliar Tract	Fibrosis	Mild
[Eosinophilic Focus TGLS = 7-5]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
		Lactation	Minimal
[Fibroadenoma TGLS = 1,2-5.2+5.3]			
Ovary		Atrophy	Mild
		Cyst	
		Hyperplasia	Stromal, Moderate
[Cyst TGLS = 4-6]			
Pancreas	Acinar Cell	Degeneration	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 913	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300913

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Foot	Inflammation	Chronic, Marked
[Inflammation TGLS = 5-5]			
Thymus			
Note: PATHOLOGIST NOTED: AREA TRIMMED			
Uterus		Hyperplasia	Cystic, Moderate
[Hyperplasia TGLS = 3-6.1]			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 914	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lymph Node	Lymph Node, Mandibular
Mammary Gland	Nose	Oviduct	Pancreas
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Trachea	Urinary Bladder	Vagina

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Atrophy	Marked
		Hypertrophy	Minimal
Clitoral Gland	Duct	Dilatation	Mild
		Inflammation	Mild
[Dilatation TGLS = 1-6.2]			
Heart			
Note: TGL # 06 - NO MICROSCOPIC CORRELATE			
Kidney	Renal Tubule	Mineralization	Minimal
Liver		Angiectasis	Minimal
[Angiectasis TGLS = 3-5]			
Lung		Infiltration Cellular	Histiocyte, Mild
[Infiltration Cellular TGLS = 4-10]			
Lymph Node			
Note: TGL # 02 - NO MICROSCOPIC CORRELATE (LYMPH NODE, PANCREATIC)			
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Ovary		Atrophy	Moderate
		Hyperplasia	Stromal, Mild
Pituitary Gland		Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 5-3]			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 914	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 747
	DOSE: F1 100PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300914

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen	Pigmentation	Minimal
Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 915	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 752
	DOSE: F1 5PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Liver	Lung	Nose	Oviduct
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Trachea
Urinary Bladder	Vagina		

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Minimal
Heart		Cardiomyopathy	Minimal
Islets, Pancreatic		Hyperplasia	Minimal
Kidney		Infarct	Minimal
	Pelvis	Mineralization	Mild
[Infarct TGLS = 1-2]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Moderate
Mammary Gland		Lactation	Mild
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-3]			
Spleen		Pigmentation	Minimal
Thymus		Cyst	Minimal
Uterus		Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 916	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Cerebellum	Esophagus	Eye	Heart
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Kidney
Lung	Nose	Oviduct	Pancreas
Parathyroid Gland	Salivary Glands	Spleen	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Trachea	Urinary Bladder
Vagina			

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
[Degeneration TGLS = 2-3]			
Brain	Brain Stem	Compression	Mild
	Cerebrum	Hydrocephalus	Minimal
[Compression TGLS = 5-8]			
Clitoral Gland		Inflammation	Mild
Harderian Gland		Hypertrophy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node	Lumbar	Degeneration	Cystic, Mild
	Lumbar	Infiltration Cellular	Plasma Cell, Mild
[Infiltration Cellular TGLS = 3-13]			
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
Ovary		Atrophy	Mild
		Hyperplasia	Stromal, Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 6-3]			
Skin	Foot	Inflammation	Chronic, Moderate

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 916	**TRT#:** 7	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 500PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300916

ORGAN AND ACCOUNTABLE SITE STATUS

[Inflammation TGLS = 1-5.2]		
Thymus	Cyst	Minimal
Uterus	Hyperplasia	Cystic, Mild
	Leiomyosarcoma	
[Leiomyosarcoma TGLS = 4-6.3+6.4+6.5+6.6]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 917	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 748
	DOSE: F1 0PPM	**DISP:** Terminal Sacrifice	**HISTO:** 21320300917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Esophagus
Eye	Harderian Gland	Heart	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Kidney	Lung
Lymph Node, Mandibular	Nose	Oviduct	Pancreas
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Trachea	Urinary Bladder	Uterus	Vagina
MISSING			
Parathyroid Gland	Thymus		
OBSERVATIONS			
Adrenal Cortex		Degeneration	Cystic, Minimal
		Hyperplasia	Minimal
Clitoral Gland		Inflammation	Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Atypical Focus	
		Lactation	Mild
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-3]			
Spleen		Pigmentation	Minimal
Thymus			
Note: PATHOLOGIST NOTED: WET TISSUE ATTEMPTED			
Thyroid Gland		Cyst	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 918	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	Bone Marrow	Bone, Femur	Brain - Cerebellum
Brain - Cerebrum	Clitoral Gland	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Islets, Pancreatic	Liver
Lung	Nose	Oviduct	Salivary Glands
Stomach, Forestomach	Stomach, Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Moderate
Adrenal Medulla		Hyperplasia	Diffuse, Moderate
Brain	Brain Stem	Compression	Moderate
[Compression TGLS = 4-8]			
Harderian Gland	Epithelium	Degeneration	Moderate
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
	Alveolus	Hyperplasia	Minimal
		Lactation	Mild
[Fibroadenoma TGLS = 2-5.2+5.3]			
Ovary		Atrophy	Mild
Pancreas	Acinar Cell	Degeneration	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-3]			
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Spleen		Pigmentation	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 918	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 750
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300918

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH	-

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 919	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 747
	DOSE: F1 100PPM/CTL	**DISP:** Terminal Sacrifice	**HISTO:** 21320300919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Blood Vessel	Bone Marrow	Bone, Femur
Brain - Brain Stem	Brain - Cerebellum	Brain - Cerebrum	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Cecum
Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum
Intestine Small, Jejunum	Islets, Pancreatic	Lung	Nose
Ovary	Oviduct	Pancreas	Parathyroid Gland
Salivary Glands	Spleen	Stomach, Glandular	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Stomach, Forestomach

OBSERVATIONS

Adrenal Cortex		Degeneration	Cystic, Mild
		Hyperplasia	Minimal
		Hypertrophy	Mild
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Mineralization	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Minimal
Lymph Node, Mesenteric		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
[Fibroadenoma TGLS = 2,3-5.2+5.3]			
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Skin	Foot	Inflammation	Chronic, Moderate
[Inflammation TGLS = 1-5]			
Stom Forestom			
Note: PATHOLOGIST NOTED: RECUT ATTEMPTED			
Thymus		Cyst	Minimal
Thyroid Gland		Cyst	Squamous, Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

** END OF REPORT **

* PROTOCOL REQUIRED TISSUE