F1_Rev.1_PCN66

NTP Study Number:	C20306		
Lock Date:	10/07/2004		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	ALL		
Removal Date Range:	ALL		
Treatment Groups:	Include 001 0 NG/KG	Include 002 1000 NG/KG 66	Include 003 10,000 NG/KG 66
	Include 004 50,000 NG/KG 66	Include 005 100,000 NG/KG 66	Include 006 200,000 NG/KG 66
Study Gender:	Female		
TDMSE Version:	3.0.2.2_002		
PWG Approval Date:	NONE		

ANIMAL ID: 1	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405894

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	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	Liver	Lung	Mammary Gland
Nose	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Atrophy	Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 2	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405895

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	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
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Urinary Bladder	Infiltration Cellular	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 3	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405896

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	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	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular	Parathyroid Gland

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Mild
Stomach, Glandular		Infiltration Cellular	Mononuclear Cl, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 4	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405897

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	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	Lymph Node, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 5	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405898

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	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
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Lung	Interstitium	Inflammation	Granulomatous, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 6	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405899

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral 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, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 7	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405900

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	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
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 8	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405901

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral 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, Mesenteric	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Stomach, Glandular	Infiltration Cellular	Mononuclear Cl, Minimal
Thyroid Gl		

Note: One thyroid gland was missing from block and wet tissue.

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 9	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405902

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	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	Liver	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thymus	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Uterus	Vagina

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney	Mineralization	Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 10	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405903

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	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
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thymus	Thyroid Gland	Tongue	Trachea
Urinary Bladder	Uterus	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 11	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405904

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	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
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
	Nephropathy	Minimal

Note: Nephropathy was diagnosed wherever there was one or more of the following changes: basophilic (regenerating) tubules, protein casts, or inflammation.

Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Stomach, Glandular	Infiltration Cellular	Mononuclear Cl, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 12	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405905

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	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	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Glandular	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Inflammation	Chronic Active, Minimal
Ovary	Periovarn Tiss	Cyst	Minimal
Note: Bursal cyst.			
[Cyst TGLs = 1-10]			
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Stomach, Forestomach		Infiltration Cellular	Mononuclear Cl, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 13	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405906

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral 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	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Mild
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 14	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405907

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	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	Liver	Mammary Gland	Nose
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Uterus
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Kidney		Mineralization	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Stomach, Glandular		Infiltration Cellular	Mononuclear Cl, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 15	**TRT#:** 1	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 0 NG/KG	**DISP:** Terminal Sacrifice	**HISTO:** 0405908

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral 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, Mesenteric	Mammary Gland	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thymus
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Uterus	Vagina		

MISSING

Lymph Node, Mandibular	Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule	TGLs = 1-12]		
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 101	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405909

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Intestine Small, Duodenum	Kidney
Liver	Lung	Lymph Node, Mesenteric	Mammary Gland
Ovary	Pituitary Gland	Skin	Stomach, Forestomach
Thymus	Thyroid Gland	Uterus	Vagina

OBSERVATIONS

Harderian Gland	Infiltration Cellular	Mononuclear Cl, Minimal
Heart	Cardiomyopathy	Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 102	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405910

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Kidney	Lung	Lymph Node, Mesenteric
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule	TGLs = 1-12]		
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 103	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405911

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Adren Cortex

Note: One adrenal gland was missing from block and wet tissue.

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 104	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405912

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Mammary Gland	Ovary	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 105	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405913

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Liver	Lung	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 106	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405914

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 107	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405915

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Kidney	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 108	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405916

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Mammary Gland	Ovary	Pituitary Gland	Skin
Stomach, Forestomach	Thymus	Thyroid Gland	Uterus
Vagina			

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLs = 1-12]		
Lung	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 109	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405917

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
	Nephropathy	Minimal
Liver	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 110	**TRT#:** 2	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 1000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405918

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Liver	Lung	Lymph Node, Mesenteric
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Kidney	Mineralization	Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 111	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405919

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 112	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405920

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum	Lung
Mammary Gland	Ovary	Pituitary Gland	Skin
Stomach, Forestomach	Thymus	Thyroid Gland	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex	Zona Fascult	Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 113	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405921

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Lung	Mammary Gland	Ovary
Pancreas	Pituitary Gland	Skin	Stomach, Forestomach
Thymus	Thyroid Gland	Uterus	Vagina

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule TGLs = 1-12]			
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Mesentery	Fat	Necrosis	Minimal
[Necrosis TGLs = 2-13]			
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 114	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405922

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pancreas	Pituitary Gland	Skin	Stomach, Forestomach
Thymus	Thyroid Gland	Uterus	Vagina

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 115	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405923

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Lung	Lymph Node, Mesenteric	Mammary Gland
Ovary	Pituitary Gland	Skin	Stomach, Forestomach
Thymus	Thyroid Gland	Uterus	Vagina

OBSERVATIONS

Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 116	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405924

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 117	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405925

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum	Mammary Gland
Ovary	Pancreas	Pituitary Gland	Skin
Stomach, Forestomach	Thymus	Thyroid Gland	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex	Infiltration Cellular	Mixed Cell, Minimal
Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Hepatodiaphragmatic Nodule	
[Hepatodiaphragmatic Nodule TGLs = 1-12]		
Lung	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 118	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405926

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Hepatodiaphragmatic Nodule	
		Inflammation	Chronic Active, Minimal
[Hepatodiaphragmatic Nodule	TGLs = 1-12]		
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 119	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405927

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 120	**TRT#:** 3	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 10,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405928

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Liver	Lung	Mammary Gland	Ovary
Pancreas	Pituitary Gland	Skin	Stomach, Forestomach
Thymus	Thyroid Gland	Uterus	Vagina

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 121	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405929

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Heart	Intestine Small, Duodenum
Lung	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Harderian Gland	Infiltration Cellular	Mononuclear Cl, Minimal
Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Thymus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 122	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405930

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Lung	Mammary Gland	Ovary
Pancreas	Pituitary Gland	Skin	Stomach, Forestomach
Thymus	Thyroid Gland	Uterus	Vagina

OBSERVATIONS

Kidney	Mineralization	Minimal
Liver	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Mild
Spleen	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 123	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405931

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 124	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405932

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Intestine Small, Duodenum	Kidney
Mammary Gland	Ovary	Pituitary Gland	Skin
Stomach, Forestomach	Thymus	Thyroid Gland	Uterus
Vagina			

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
Heart		Cardiomyopathy	Minimal
Liver		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
[Hepatodiaphragmatic Nodule	TGLs = 1-12]		
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 125	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405933

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lymph Node, Mesenteric	Mammary Gland	Ovary	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Intestine Large, Colon	Serosa	Cyst	Mild
Note: A keratinized squamous epithelial cyst was present on the colonic serosa. [Cyst TGLs = 1-5]			
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Hypertrophy	Minimal
		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 126	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405934

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lymph Node, Mesenteric	Mammary Gland	Ovary	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Hypertrophy	Minimal
Lung		Inflammation	Chronic Active, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Hematopoietic Cell Proliferation	Minimal
		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 127	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405935

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Atrophy	Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 128	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405936

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Lung	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Kidney	Nephropathy	Minimal
Liver	Inflammation	Chronic Active, Mild
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 129	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405937

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Mammary Gland	Ovary	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
	Nephropathy	Minimal
Liver	Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric	Infiltration Cellular	Histiocyte, Minimal
Pancreas	Infiltration Cellular	Mononuclear Cl, Minimal
Spleen	Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 130	**TRT#:** 4	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 50,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405938

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Lymph Node, Mesenteric	Mammary Gland	Ovary
Pancreas	Pituitary Gland	Skin	Stomach, Forestomach
Thymus	Thyroid Gland	Uterus	Vagina

OBSERVATIONS

Heart	Cardiomyopathy	Minimal
Kidney	Mineralization	Minimal
Liver	Fatty Change	Minimal
	Inflammation	Chronic Active, Minimal
Spleen	Pigmentation	Hemosiderin, Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 131	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405939

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Inflammation	Granulomatous, Minimal
		Toxic Hepatopathy	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic Active, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 132	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405940

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Kidney	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thymus
Thyroid Gland	Uterus	Vagina	

OBSERVATIONS

Liver		Fatty Change	Mild
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Inflammation	Granulomatous, Minimal
		Toxic Hepatopathy	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 133	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405941

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Granulomatous, Mild
Lung	Interstitium	Inflammation	Granulomatous, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 134	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405942

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Medulla	Harderian Gland	Heart	Intestine Small, Duodenum
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thyroid Gland	Uterus
Vagina			

OBSERVATIONS

Adrenal Cortex		Inflammation	Histiocytic, Mild
Kidney		Mineralization	Minimal
Liver		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Mild
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Inflammation	Granulomatous, Minimal
		Toxic Hepatopathy	Minimal
[Hepatodiaphragmatic Nodule	TGLs = 1-12]		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Metaplasia	Squamous, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Moderate
Spleen		Pigmentation	Hemosiderin, Minimal
Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 135	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405943

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Kidney	Lung	Lymph Node, Mesenteric
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Liver		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Granulomatous, Minimal
		Inflammation	Chronic Active, Minimal
		Necrosis	Focal, Minimal
		Toxic Hepatopathy	Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 136	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405944

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Inflammation	Granulomatous, Minimal
		Toxic Hepatopathy	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 137	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405945

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Lung	Mammary Gland	Ovary	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Inflammation	Granulomatous, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Mild
		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 138	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405946

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Heart
Intestine Small, Duodenum	Lung	Mammary Gland	Ovary
Pituitary Gland	Skin	Stomach, Forestomach	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Kidney		Mineralization	Minimal
Liver		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Mild
		Inflammation	Granulomatous, Minimal
		Toxic Hepatopathy	Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 139	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405947

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Heart	Intestine Small, Duodenum
Kidney	Mammary Gland	Ovary	Pancreas
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
Liver		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pituitary Gland		Cyst	Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 140	**TRT#:** 5	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 100,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405948

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Harderian Gland	Intestine Small, Duodenum
Kidney	Mammary Gland	Ovary	Pituitary Gland
Skin	Stomach, Forestomach	Thymus	Thyroid Gland
Uterus	Vagina		

OBSERVATIONS

Heart		Cardiomyopathy	Minimal
Liver		Clear Cell Focus	
		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Minimal
	Hepatocyte	Hypertrophy	Mild
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Minimal
[Hypertrophy TGLs = 1-5]			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Pancreas	Acinus	Atrophy	Focal, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 141	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405949

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Heart	Intestine Large, Cecum	Intestine Large, Colon
Intestine Large, Rectum	Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach, Forestomach	Stomach, Glandular	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Mild
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
	Hepatocyte	Glandular Structures	Mild
		Hepatocyte, Multinucleate	Minimal
	Oval Cell	Hyperplasia	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Atrophy	Mild
Ovary		Atrophy	Mild
Thymus		Atrophy	Marked
[Atrophy TGLs = 1-6]			
Uterus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405950

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral 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	Mammary Gland	Nose	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Stomach, Glandular	Thyroid Gland	Tongue	Trachea
Urinary Bladder			

MISSING

Lymph Node, Mandibular Vagina

OBSERVATIONS

Heart	Myocardium	Inflammation	Marked
	Ventricle	Thrombus	Moderate
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Degeneration	Minimal
		Fatty Change	Mild
	Hepatocyte	Glandular Structures	Mild
		Hepatocyte, Multinucleate	Moderate
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Ovary		Atrophy	Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 142	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405950

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Marked
Uterus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405951

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	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
Salivary Glands	Skin	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver	Hepatocyte	Degeneration	Minimal
		Fatty Change	Mild
		Hepatocyte, Multinucleate	Moderate
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Mild
Ovary		Atrophy	Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
	Acinus	Vacuolization Cytoplasmic	Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Thymus		Atrophy	Marked
Thyroid Gl			

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 143	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405951

ORGAN AND ACCOUNTABLE SITE STATUS

Note: One thyroid was missing at trim.

Uterus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 144	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405952

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver	Hepatocyte	Degeneration	Minimal
		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
Ovary		Atrophy	Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Thymus		Atrophy	Marked
Uterus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 145	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 87
	DOSE: 200,000 NG/KG 66	**DISP:** Natural Death	**HISTO:** 0405953

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Lung	Lymph Node, Mesenteric
Mammary Gland	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Blood Vessel	Aorta	Thrombus	Moderate
	Pulmn Artery	Thrombus	Moderate
Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
Heart	Myocardium	Inflammation	Minimal
Kidney		Mineralization	Minimal
Liver		Fatty Change	Minimal
		Hepatocyte, Multinucleate	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Toxic Hepatopathy	Mild

Note: There is marked hepatic congestion and dissociation of hepatocytes, possibly secondary to thrombosis of the pulmonary vasculature.

Ovary		Atrophy	Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Stomach, Glandular		Infiltration Cellular	Mononuclear Cl, Minimal
Thymus		Atrophy	Marked
Uterus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Blood Vessel Pulmn Artery Thrombus
CONTRIBUTORY CAUSE OF DEATH - Blood Vessel Aorta Thrombus

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 146	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 82
	DOSE: 200,000 NG/KG 66	**DISP:** Natural Death	**HISTO:** 0405954

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Harderian Gland	Intestine Large, Colon
Intestine Large, Rectum	Mammary Gland	Nose	Pituitary Gland
Salivary Glands	Skin	Tongue	Trachea
Vagina			

MISSING

Adrenal Cortex	Adrenal Medulla	Intestine Large, Cecum	Intestine Small, Duodenum
Intestine Small, Ileum	Intestine Small, Jejunum	Kidney	Liver
Lymph Node, Mandibular	Lymph Node, Mesenteric	Ovary	Pancreas
Parathyroid Gland	Spleen	Stomach, Forestomach	Stomach, Glandular
Thyroid Gland	Urinary Bladder	Uterus	

OBSERVATIONS

Blood Vessel	Aorta	Thrombus	Moderate
Heart	Myocardium	Inflammation	Moderate
	Ventricle	Thrombus	Mild
Int Lg Colon			
Note: Colon is autolyzed.			
Int Lg Rectum			
Note: Rectum is autolyzed.			
Lung		Cystic Keratinizing Epithelioma	Multiple
[Cystic Keratinizing Epithelioma	TGLs = 1,2-12+13]		
Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Blood Vessel Aorta Thrombus
CONTRIBUTORY CAUSE OF DEATH - Heart Myocardium Inflammation

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405955

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
Heart	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Stomach, Glandular	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Blood Vessel	Aorta	Thrombus	Mild
Harderian Gland		Infiltration Cellular	Mononuclear Cl, Moderate
	Duct	Metaplasia	Squamous, Mild
Note: Harderian gland was evaluated from slide 01 (nasal section).			
Kidney		Mineralization	Minimal
		Nephropathy	Minimal
Liver		Fatty Change	Mild
	Hepatocyte	Glandular Structures	Minimal
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Moderate
		Inflammation	Chronic Active, Minimal
		Toxic Hepatopathy	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Minimal
Ovary		Atrophy	Mild
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 147	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405955

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Marked
Uterus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405956

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Mammary Gland
Nose	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach, Forestomach	Thyroid Gland	Tongue
Trachea	Urinary Bladder	Vagina	

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Minimal
Liver		Fatty Change	Mild
	Portal Vein	Fibrosis	Focal, Mild
	Hepatocyte	Glandular Structures	Mild
		Hematopoietic Cell Proliferation	Minimal
		Hepatocyte, Multinucleate	Minimal
	Oval Cell	Hyperplasia	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Mild
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Suppurative, Minimal
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate

Note: Portal vein fibrosis involves only main portal vein and not branches.
Note: Cellular atypia diagnosed where hepatocytes have "ring forms".

Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node, Mesenteric		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 148	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405956

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Stomach, Glandular	Glands	Ectasia	Minimal
Thymus		Atrophy	Moderate
[Atrophy TGLs = 1-6]			
Uterus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405957

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Intestine Large, Cecum	Intestine Large, Colon	Intestine Large, Rectum
Intestine Small, Duodenum	Intestine Small, Ileum	Intestine Small, Jejunum	Kidney
Mammary Gland	Nose	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach, Glandular	Thyroid Gland
Tongue	Trachea	Urinary Bladder	Vagina

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
Heart	Valve	Thrombus	Moderate
Liver		Fatty Change	Mild
	Portal Vein	Fibrosis	Focal, Mild
	Hepatocyte	Glandular Structures	Moderate
		Hepatocyte, Multinucleate	Minimal
	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hyperplasia	Mild
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic Active, Minimal
		Pigmentation	Minimal
		Toxic Hepatopathy	Moderate

Note: Several portal veins have well-developed subintimal plaques of fibroblasts and macrophages.

Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node, Mesenteric		Atrophy	Minimal
Ovary		Atrophy	Minimal
Pancreas		Infiltration Cellular	Mononuclear Cl, Minimal
Spleen		Pigmentation	Hemosiderin, Minimal
Stomach, Forestomach	Epithelium	Hyperplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 149	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405957

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus	Atrophy	Marked
Uterus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405958

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	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
Pituitary Gland	Salivary Glands	Skin	Stomach, Forestomach
Thyroid Gland	Tongue	Trachea	Urinary Bladder
Vagina			

MISSING

Lymph Node, Mandibular

OBSERVATIONS

Harderian Gland		Infiltration Cellular	Mononuclear Cl, Mild
Heart		Cardiomyopathy	Minimal
Kidney		Mineralization	Minimal
Liver	Bile Duct	Cyst	Moderate
	Hepatocyte	Degeneration	Minimal
		Fatty Change	Mild
		Hepatocyte, Multinucleate	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Oval Cell	Hyperplasia	Minimal
	Hepatocyte	Hypertrophy	Marked
		Inflammation	Chronic Active, Minimal
		Inflammation	Suppurative, Minimal
		Toxic Hepatopathy	Moderate
[Cyst TGLs = 2-12]			
[Hepatodiaphragmatic Nodule TGLs = 1-12]			
[Hypertrophy TGLs = 3-5]			
Lymph Node, Mesenteric		Atrophy	Minimal
		Infiltration Cellular	Histiocyte, Minimal

* PROTOCOL REQUIRED TISSUE

ANIMAL ID: 150	**TRT#:** 6	**SEX:** Female	**DAY ON TEST:** 94
	DOSE: 200,000 NG/KG 66	**DISP:** Terminal Sacrifice	**HISTO:** 0405958

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Atrophy	Minimal
Spleen	Pigmentation	Hemosiderin, Minimal
Stomach, Glandular	Infiltration Cellular	Mononuclear Cl, Minimal
Thymus	Atrophy	Moderate
Uterus	Atrophy	Mild

*** END OF REPORT ***

* PROTOCOL REQUIRED TISSUE