

**TDMS No.** 20306 - 03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** RATS/F 344

**P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE(a)**

PCN 66/67 COMPARISON STUDY  
**CAS Number:** PCNCOMPARISN  
**Pathologist:** VASCONCELOS, D.  
Final1 grps11213141516

**Date Report Reqsted:** 12/13/2005  
**Time Report Reqsted:** 09:07:34  
**First Dose M/F:** NA / 10/13/03  
**Lab:** BAT

**C 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 014 50 NG/KG

Include 012 1 NG/KG

Include 015 100 NG/KG

Include 013 10 NG/KG

Include 016 200 NG/KG

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FISCHER 344 RATS FEMALE	0 NG/KG	1 NG/KG	10 NG/KG	50 NG/KG	100 NG/KG	200 NG/KG
<b>Disposition Summary</b>						
Animals Initially in Study	15	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	15	10	10	10	10	10
Animals Examined Microscopically	15	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Intestine Small, Jejunum Inflammation, Chronic Active	(15)	(0)	(0)	(0)	(0)	(10) 1 (10%)
Liver Hepatocyte, Multinucleate Hepatodiaphragmatic Nodule Inflammation, Granulomatous	(15)	(10)	(10)	(10)	(10)	(10) 3 (30%) 1 (10%) 4 (40%)
Inflammation, Chronic Active Pigmentation Toxic Hepatopathy	7 (47%)	7 (70%)	8 (80%)	10 (100%)	9 (90%)	10 (100%) 4 (40%) 2 (20%)
Hepatocyte, Hypertrophy	1 (7%)				4 (40%)	8 (80%)
Mesentery Fat, Necrosis	(0)	(0)	(0)	(0)	(0)	(1) 1 (100%)
Pancreas Infiltration Cellular, Mononuclear Cell Acinus, Atrophy, Focal	(15) 7 (47%)	(10) 5 (50%) 2 (20%)	(10)	(10)	(10)	(10) 5 (50%)
Stomach, Forestomach Infiltration Cellular, Mononuclear Cell	(15) 1 (7%)	(10)	(10)	(10)	(10)	(10)
Stomach, Glandular Infiltration Cellular, Mononuclear Cell	(15) 4 (27%)	(0)	(0)	(0)	(0)	(10) 3 (30%)
<b>CARDIOVASCULAR SYSTEM</b>						
Heart Cardiomyopathy	(15) 9 (60%)	(0)	(0)	(0)	(0)	(10) 9 (90%)
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(15)	(10)	(10)	(10)	(10)	(10)

a - Number of animals examined microscopically at site and number of animals with lesion

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FISCHER 344 RATS FEMALE	0 NG/KG	1 NG/KG	10 NG/KG	50 NG/KG	100 NG/KG	200 NG/KG
Infiltration Cellular, Lymphocyte		1 (10%)				
Infiltration Cellular, Mononuclear Cell					1 (10%)	
Thyroid Gland	(15)	(10)	(10)	(10)	(10)	(10)
Cyst		1 (10%)		3 (30%)		1 (10%)
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
Ovary	(15)	(10)	(10)	(10)	(10)	(10)
Periovarian Tissue, Cyst	1 (7%)			1 (10%)		
<b>HEMATOPOIETIC SYSTEM</b>						
Bone Marrow	(15)	(0)	(0)	(0)	(0)	(10)
Inflammation, Histiocytic						1 (10%)
Lymph Node, Mesenteric	(15)	(0)	(0)	(0)	(1)	(10)
Atrophy	1 (7%)					
Infiltration Cellular, Histiocyte	6 (40%)				1 (100%)	7 (70%)
Spleen	(15)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation		10 (100%)	7 (70%)	7 (70%)	9 (90%)	1 (10%)
Pigmentation, Hemosiderin	15 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)
Capsule, Inflammation, Chronic Active			1 (10%)			
Thymus	(15)	(10)	(10)	(10)	(10)	(10)
Atrophy				1 (10%)	5 (50%)	9 (90%)
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						
<b>NERVOUS SYSTEM</b>						

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None						
<b>RESPIRATORY SYSTEM</b>						
Lung	(15)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic Active			1 (10%)			
Pigmentation, Hemosiderin					1 (10%)	
Alveolar Epithelium, Hyperplasia	1 (7%)					1 (10%)
Alveolus, Infiltration Cellular, Histiocyte	3 (20%)		3 (30%)		3 (30%)	4 (40%)
Interstitial, Inflammation, Granulomatous	1 (7%)					1 (10%)
Nose	(15)	(0)	(0)	(0)	(0)	(10)
Nerve, Inflammation, Chronic						1 (10%)
Respiratory Epithelium, Inflammation						1 (10%)
<b>SPECIAL SENSES SYSTEM</b>						
Harderian Gland	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						2 (20%)
<b>URINARY SYSTEM</b>						
Kidney	(15)	(10)	(10)	(10)	(10)	(10)
Mineralization	15 (100%)	9 (90%)	9 (90%)	9 (90%)	8 (80%)	4 (40%)
Nephropathy	2 (13%)	1 (10%)		2 (20%)	7 (70%)	3 (30%)
Cortex, Cyst					1 (10%)	
Urinary Bladder	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte	1 (7%)					

\*\*\* END OF REPORT \*\*\*