

TDMS No. 20306 - 03

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
WITH AVERAGE SEVERITY GRADES[b]**

Date Report Requested: 12/13/2005

Test Type: 90-DAY

PCN 66/67 COMPARISON STUDY

Time Report Requested: 09:05:36

Route: GAVAGE

CAS Number: PCNCOMPARISN

First Dose M/F: NA / 10/13/03

Species/Strain: RATS/F 344

Pathologist: VASCONCELOS, D.

Lab: BAT

Final1 grps123456

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 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

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FISCHER 344 RATS FEMALE	0 NG/KG	1000 NG/KG 66	10,000 NG/ KG 66	50,000 NG/ KG 66	100,000 NG /KG 66	200,000 NG /KG 66
Disposition Summary						
Animals Initially in Study	15	10	10	10	10	10
Early Deaths						
Natural Death						2
Survivors						
Terminal Sacrifice	15	10	10	10	10	8
Animals Examined Microscopically	15	10	10	10	10	10
ALIMENTARY SYSTEM						
Intestine Large, Colon	(15)	(0)	(0)	(1)	(0)	(10)
Serosa, Cyst				1 [2.0]		
Liver	(15)	(10)	(10)	(10)	(10)	(9)
Clear Cell Focus					1	
Fatty Change				1 [1.0]	7 [1.1]	9 [1.8]
Hematopoietic Cell Proliferation						1 [1.0]
Hepatocyte, Multinucleate					10 [1.1]	9 [1.9]
Hepatodiaphragmatic Nodule	1	2	3	1	1	2
Inflammation, Suppurative						3 [1.0]
Inflammation, Granulomatous					8 [1.1]	
Inflammation, Chronic Active	7 [1.0]	6 [1.0]	8 [1.0]	9 [1.1]	9 [1.1]	8 [1.0]
Necrosis, Focal					1 [1.0]	
Pigmentation				1 [1.0]		4 [1.0]
Toxic Hepatopathy					8 [1.0]	9 [2.8]
Bile Duct, Cyst						1 [3.0]
Bile Duct, Hyperplasia						6 [1.2]
Hepatocyte, Degeneration						4 [1.0]
Hepatocyte, Glandular Structures						5 [2.0]
Hepatocyte, Hyperplasia						6 [1.5]
Hepatocyte, Hypertrophy	1 [1.0]			4 [1.0]	10 [2.1]	9 [3.8]
Oval Cell, Hyperplasia						8 [1.1]
Portal Vein, Fibrosis, Focal						2 [2.0]
Mesentery	(0)	(0)	(1)	(0)	(0)	(0)
Fat, Necrosis			1 [1.0]			
Pancreas	(15)	(10)	(10)	(10)	(10)	(9)
Infiltration Cellular, Mononuclear Cell	7 [1.0]	5 [1.0]	4 [1.0]	6 [1.0]	3 [1.0]	6 [1.0]
Acinus, Atrophy, Focal					1 [1.0]	

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Acinus, Vacuolization Cytoplasmic Stomach, Forestomach	(15)	(10)	(10)	(10)	(10)	1 [1.0] (9)
Infiltration Cellular, Mononuclear Cell Epithelium, Hyperplasia, Squamous Stomach, Glandular	1 [1.0]					1 [1.0] (9)
Infiltration Cellular, Mononuclear Cell Glands, Ectasia	(15)	(0)	(0)	(0)	(0)	2 [1.0] 1 [1.0]
CARDIOVASCULAR SYSTEM						
Blood Vessel	(15)	(0)	(0)	(0)	(0)	(10)
Aorta, Thrombus						3 [2.7]
Pulmonary Artery, Thrombus						1 [3.0]
Heart	(15)	(10)	(10)	(10)	(10)	(10)
Cardiomyopathy	9 [1.0]	8 [1.0]	7 [1.0]	7 [1.0]	4 [1.0]	4 [1.0]
Myocardium, Inflammation						3 [2.7]
Valve, Thrombus						1 [3.0]
Ventricle, Thrombus						2 [2.5]
ENDOCRINE SYSTEM						
Adrenal Cortex	(15)	(10)	(10)	(10)	(10)	(9)
Infiltration Cellular, Mixed Cell Inflammation, Histiocytic Zona Fasciculata, Vacuolization Cytoplasmic			1 [1.0]		1 [2.0]	
Pituitary Gland Cyst	(15)	(10)	(10)	(10)	(10)	(10)
					1 [1.0]	
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(15)	(10)	(10)	(10)	(10)	(9)
Atrophy Periovarian Tissue, Cyst						9 [1.2]
	1 [1.0]					

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Uterus Atrophy	(15)	(10)	(10)	(10)	(10)	(9) 9 [1.9]
HEMATOPOIETIC SYSTEM						
Lymph Node, Mesenteric Atrophy	(15) 1 [1.0]	(10)	(10)	(10) 1 [1.0]	(10)	(9) 4 [1.3]
Hyperplasia, Lymphoid Infiltration Cellular, Histiocyte	6 [1.2]	6 [1.0]	6 [1.0]	5 [1.2]	1 [2.0] 9 [1.4]	3 [1.3] 1 [2.0]
Infiltration Cellular, Plasma Cell Spleen	(15)	(10)	(10)	(10)	(10)	(9)
Hematopoietic Cell Proliferation Pigmentation, Hemosiderin	15 [1.1]	8 [1.3] 10 [1.0]	8 [1.3] 10 [1.0]	10 [1.2] 10 [1.2]	9 [1.3] 10 [1.0]	3 [1.0] 8 [1.0]
Thymus Atrophy	(15)	(10)	(10)	(10) 1 [1.0]	(10) 2 [1.0]	(10) 10 [3.8]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung Inflammation, Chronic Active Metaplasia, Squamous	(15)	(10) 1 [1.0]	(10) 1 [1.0]	(10) 1 [1.0]	(10) 1 [1.0] 1 [1.0]	(10)
Alveolar Epithelium, Hyperplasia Alveolus, Infiltration Cellular, Histiocyte	1 [2.0] 3 [1.0]	2 [1.0] 2 [1.0]	1 [1.0] 2 [1.0]	1 [1.0] 3 [1.0]	6 [1.0]	6 [1.2]
Interstitial, Inflammation, Granulomatous	1 [1.0]				1 [1.0]	

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SPECIAL SENSES SYSTEM						
Harderian Gland	(15)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell Duct, Metaplasia, Squamous		1 [1.0]		2 [1.0]	1 [1.0]	8 [1.9] 1 [2.0]
URINARY SYSTEM						
Kidney	(15)	(10)	(10)	(10)	(10)	(9)
Mineralization	15 [1.0]	7 [1.0]	10 [1.0]	7 [1.0]	5 [1.0]	7 [1.0]
Nephropathy	2 [1.0]	1 [1.0]	1 [1.0]	3 [1.0]	4 [1.0]	4 [1.0]
Urinary Bladder	(15)	(0)	(0)	(0)	(0)	(9)
Infiltration Cellular, Lymphocyte	1 [1.0]					

*** END OF REPORT ***

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