

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.
F1 PCN 66

Date Report Reqsted: 12/13/2005
Time Report Reqsted: 09:05:36
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 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 (100%)		
Liver	(15)	(10)	(10)	(10)	(10)	(9)
Clear Cell Focus					1 (10%)	
Fatty Change				1 (10%)	7 (70%)	9 (100%)
Hematopoietic Cell Proliferation						1 (11%)
Hepatocyte, Multinucleate					10 (100%)	9 (100%)
Hepatodiaphragmatic Nodule	1 (7%)	2 (20%)	3 (30%)	1 (10%)	1 (10%)	2 (22%)
Inflammation, Suppurative						3 (33%)
Inflammation, Granulomatous					8 (80%)	
Inflammation, Chronic Active	7 (47%)	6 (60%)	8 (80%)	9 (90%)	9 (90%)	8 (89%)
Necrosis, Focal					1 (10%)	
Pigmentation				1 (10%)		4 (44%)
Toxic Hepatopathy					8 (80%)	9 (100%)
Bile Duct, Cyst						1 (11%)
Bile Duct, Hyperplasia						6 (67%)
Hepatocyte, Degeneration						4 (44%)
Hepatocyte, Glandular Structures						5 (56%)
Hepatocyte, Hyperplasia						6 (67%)
Hepatocyte, Hypertrophy	1 (7%)			4 (40%)	10 (100%)	9 (100%)
Oval Cell, Hyperplasia						8 (89%)
Portal Vein, Fibrosis, Focal						2 (22%)
Mesentery	(0)	(0)	(1)	(0)	(0)	(0)
Fat, Necrosis			1 (100%)			
Pancreas	(15)	(10)	(10)	(10)	(10)	(9)
Infiltration Cellular, Mononuclear Cell	7 (47%)	5 (50%)	4 (40%)	6 (60%)	3 (30%)	6 (67%)
Acinus, Atrophy, Focal					1 (10%)	
Acinus, Vacuolization Cytoplasmic						1 (11%)

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Stomach, Forestomach Infiltration Cellular, Mononuclear Cell Epithelium, Hyperplasia, Squamous	(15) 1 (7%)	(10)	(10)	(10)	(10)	(9)
Stomach, Glandular Infiltration Cellular, Mononuclear Cell Glands, Ectasia	(15) 4 (27%)	(0)	(0)	(0)	(0)	1 (11%) (9) 2 (22%) 1 (11%)
CARDIOVASCULAR SYSTEM						
Blood Vessel Aorta, Thrombus Pulmonary Artery, Thrombus	(15)	(0)	(0)	(0)	(0)	(10) 3 (30%) 1 (10%)
Heart Cardiomyopathy Myocardium, Inflammation Valve, Thrombus Ventricle, Thrombus	(15) 9 (60%)	(10) 8 (80%)	(10) 7 (70%)	(10) 7 (70%)	(10) 4 (40%)	(10) 4 (40%) 3 (30%) 1 (10%) 2 (20%)
ENDOCRINE SYSTEM						
Adrenal Cortex Infiltration Cellular, Mixed Cell Inflammation, Histiocytic Zona Fasciculata, Vacuolization Cytoplasmic	(15)	(10)	(10) 1 (10%) 1 (10%)	(10)	(10) 1 (10%)	(9)
Pituitary Gland Cyst	(15)	(10)	(10)	(10)	(10) 1 (10%)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary Atrophy Periovarian Tissue, Cyst	(15) 1 (7%)	(10)	(10)	(10)	(10)	(9) 9 (100%)
Uterus Atrophy	(15)	(10)	(10)	(10)	(10)	(9) 9 (100%)

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HEMATOPOIETIC SYSTEM						
Lymph Node, Mesenteric	(15)	(10)	(10)	(10)	(10)	(9)
Atrophy	1 (7%)			1 (10%)		4 (44%)
Hyperplasia, Lymphoid					1 (10%)	
Infiltration Cellular, Histiocyte	6 (40%)	6 (60%)	6 (60%)	5 (50%)	9 (90%)	3 (33%)
Infiltration Cellular, Plasma Cell						1 (11%)
Spleen	(15)	(10)	(10)	(10)	(10)	(9)
Hematopoietic Cell Proliferation		8 (80%)	8 (80%)	10 (100%)	9 (90%)	3 (33%)
Pigmentation, Hemosiderin	15 (100%)	10 (100%)	10 (100%)	10 (100%)	10 (100%)	8 (89%)
Thymus	(15)	(10)	(10)	(10)	(10)	(10)
Atrophy				1 (10%)	2 (20%)	10 (100%)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(15)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic Active		1 (10%)	1 (10%)	1 (10%)	1 (10%)	
Metaplasia, Squamous					1 (10%)	
Alveolar Epithelium, Hyperplasia	1 (7%)	2 (20%)	1 (10%)	1 (10%)		
Alveolus, Infiltration Cellular, Histiocyte	3 (20%)	2 (20%)	2 (20%)	3 (30%)	6 (60%)	6 (60%)
Interstitial, Inflammation, Granulomatous	1 (7%)				1 (10%)	
SPECIAL SENSES SYSTEM						
Harderian Gland	(15)	(10)	(10)	(10)	(10)	(10)

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Infiltration Cellular, Mononuclear Cell Duct, Metaplasia, Squamous		1 (10%)		2 (20%)	1 (10%)	8 (80%) 1 (10%)
URINARY SYSTEM						
Kidney	(15)	(10)	(10)	(10)	(10)	(9)
Mineralization	15 (100%)	7 (70%)	10 (100%)	7 (70%)	5 (50%)	7 (78%)
Nephropathy	2 (13%)	1 (10%)	1 (10%)	3 (30%)	4 (40%)	4 (44%)
Urinary Bladder	(15)	(0)	(0)	(0)	(0)	(9)
Infiltration Cellular, Lymphocyte	1 (7%)					

*** END OF REPORT ***