

Experiment Number: 20306 - 03

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

Date Report Requested: 08/27/2015

Test Type: 90-DAY

PCN 66/67 comparison study

Time Report Requested: 10:28:05

Route: GAVAGE

CAS Number: PCNCOMPARISN

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

Species/Strain: RATS/F 344/N

Lab: BAT

F1_Rev. 1_TCDD

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 012 1 NG/KG

Include 013 10 NG/KG

Include 014 50 NG/KG

Include 015 100 NG/KG

Include 016 200 NG/KG

Study Gender: Female

TDMSE Version: 3.0.2.2_002

PWG Approval Date: NONE

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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
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Disposition Summary

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

ALIMENTARY SYSTEM

Esophagus	(15)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Cecum	(15)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Colon	(15)	(0)	(0)	(0)	(0)	(10)
Intestine Large, Rectum	(15)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Duodenum	(15)	(10)	(10)	(10)	(10)	(10)
Intestine Small, Ileum	(15)	(0)	(0)	(0)	(0)	(10)
Intestine Small, Jejunum	(15)	(0)	(0)	(0)	(0)	(10)
Inflammation, Chronic Active						1 [2.0]
Liver	(15)	(10)	(10)	(10)	(10)	(10)
Hepatocyte, Multinucleate						3 [1.0]
Hepatodiaphragmatic Nodule	1	1	1	3	2	1
Inflammation, Granulomatous			2 [1.0]		4 [1.0]	4 [1.3]
Inflammation, Chronic Active	7 [1.0]	7 [1.0]	8 [1.1]	10 [1.1]	9 [1.1]	10 [1.2]
Pigmentation				1 [1.0]	2 [1.0]	4 [1.0]
Toxic Hepatopathy						2 [1.0]
Hepatocyte, Hypertrophy	1 [1.0]				4 [1.0]	8 [1.0]
Mesentery	(0)	(0)	(0)	(0)	(0)	(1)
Fat, Necrosis						1 [2.0]
Pancreas	(15)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell	7 [1.0]	5 [1.0]		5 [1.0]	4 [1.0]	5 [1.0]
Acinus, Atrophy, Focal		2 [1.0]				
Salivary Glands	(15)	(0)	(0)	(0)	(0)	(10)
Stomach, Forestomach	(15)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Mononuclear Cell	1 [1.0]					
Stomach, Glandular	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell	4 [1.0]					3 [1.0]

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

b-Average severity grade(1-minimal;2-mild;3-moderate;4-marked)

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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
Tongue	(15)	(0)	(0)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM						
Blood Vessel	(15)	(0)	(0)	(0)	(0)	(10)
Heart	(15)	(0)	(0)	(0)	(0)	(10)
Cardiomyopathy	9 [1.0]					9 [1.0]
ENDOCRINE SYSTEM						
Adrenal Cortex	(15)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Lymphocyte		1 [1.0]				
Infiltration Cellular, Mononuclear Cell					1 [1.0]	
Adrenal Medulla	(15)	(10)	(10)	(10)	(10)	(10)
Parathyroid Gland	(13)	(0)	(0)	(0)	(0)	(10)
Pituitary Gland	(15)	(10)	(10)	(10)	(10)	(10)
Thyroid Gland	(15)	(10)	(10)	(10)	(10)	(10)
Cyst		1 [1.0]		3 [1.0]		1 [1.0]
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Clitoral Gland	(15)	(0)	(0)	(0)	(0)	(10)
Ovary	(15)	(10)	(10)	(10)	(10)	(10)
Periovarian Tissue, Cyst	1 [1.0]			1 [2.0]		
Uterus	(15)	(10)	(10)	(10)	(10)	(10)
Vagina	(15)	(10)	(10)	(10)	(10)	(10)
HEMATOPOIETIC SYSTEM						

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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
Bone Marrow	(15)	(0)	(0)	(0)	(0)	(10)
Inflammation, Histiocytic						1 [1.0]
Lymph Node, Mesenteric	(15)	(0)	(0)	(0)	(1)	(10)
Atrophy	1 [1.0]					
Infiltration Cellular, Histiocyte	6 [1.2]				1 [4.0]	7 [1.1]
Spleen	(15)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation		1 [1.0]	2 [1.5]	1 [1.0]	1 [1.0]	1 [1.0]
Pigmentation, Hemosiderin	15 [1.1]	10 [1.0]	10 [1.0]	10 [1.1]	10 [1.3]	10 [1.7]
Capsule, Inflammation, Chronic Active			1 [3.0]			
Thymus	(15)	(10)	(10)	(10)	(10)	(10)
Atrophy				1 [1.0]	5 [1.0]	9 [1.1]
INTEGUMENTARY SYSTEM						
Mammary Gland	(15)	(10)	(10)	(10)	(10)	(10)
Skin	(15)	(10)	(10)	(10)	(10)	(10)
MUSCULOSKELETAL SYSTEM						
Bone	(15)	(0)	(0)	(0)	(0)	(10)
NERVOUS SYSTEM						
Brain	(15)	(0)	(0)	(0)	(0)	(10)
RESPIRATORY SYSTEM						
Lung	(15)	(10)	(10)	(10)	(10)	(10)
Inflammation, Chronic Active			1 [1.0]			
Pigmentation, Hemosiderin					1 [1.0]	
Alveolar Epithelium, Hyperplasia	1 [2.0]					1 [1.0]
Alveolus, Infiltration Cellular, Histiocyte	3 [1.0]		3 [1.0]		3 [1.0]	4 [1.0]
Interstitial, Inflammation, Granulomatous	1 [1.0]					1 [1.0]

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Nose	(15)	(0)	(0)	(0)	(0)	(10)
Nerve, Inflammation, Chronic						1 [1.0]
Respiratory Epithelium, Inflammation						1 [1.0]
Trachea	(15)	(0)	(0)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM						
Eye	(15)	(0)	(0)	(0)	(0)	(10)
Harderian Gland	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Mononuclear Cell						2 [1.0]
URINARY SYSTEM						
Kidney	(15)	(10)	(10)	(10)	(10)	(10)
Mineralization	15 [1.0]	9 [1.0]	9 [1.0]	9 [1.0]	8 [1.0]	4 [1.0]
Nephropathy	2 [1.0]	1 [1.0]		2 [1.0]	7 [1.0]	3 [1.0]
Cortex, Cyst					1 [2.0]	
Urinary Bladder	(15)	(0)	(0)	(0)	(0)	(10)
Infiltration Cellular, Lymphocyte	1 [1.0]					

*** END OF REPORT ***

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