

TDMs No. 20006 - 01

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

Date Report Reqsted: 06/04/2007

Test Type: 90-DAY

INDOLE-3-CARBINOL

Time Report Reqsted: 16:29:44

Route: GAVAGE

CAS Number: 700-06-1

First Dose M/F: 08/31/04 / 08/30/04

Species/Strain: RATS/F 344

Lab: SRI

F1_R2

C Number: C20006
Lock Date: 03/07/2006
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
TDMSE Version: 1.7.0

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Species/Strain: RATS/F 344

Lab: SRI

FISCHER 344 RATS MALE	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Esophagus	(10)	(0)	(0)	(0)	(0)
Inflammation, Chronic					
Intestine Small, Duodenum	(10)	(10)	(10)	(10)	(10)
Lamina Propria, Lipidosis				1 [1.0]	10 [1.2]
Lymphatic, Ectasia				1 [1.0]	10 [1.2]
Intestine Small, Jejunum	(10)	(9)	(10)	(10)	(10)
Lamina Propria, Lipidosis		1 [1.0]	1 [1.0]	5 [1.0]	10 [2.3]
Lymphatic, Ectasia		1 [1.0]	1 [1.0]	5 [1.0]	10 [2.3]
Liver	(10)	(10)	(10)	(10)	(10)
Hemorrhage	2 [1.5]			1 [1.0]	
Hepatodiaphragmatic Nodule			1	1	
Infiltration Cellular, Mixed Cell					
Capsule, Fibrosis				1 [1.0]	
Hepatocyte, Necrosis				1 [1.0]	1 [1.0]
Hepatocyte, Vacuolization Cytoplasmic	4 [1.0]	4 [1.3]	2 [1.5]	4 [1.0]	2 [1.0]
Mesentery	(2)	(0)	(0)	(0)	(0)
Accessory Spleen	1				
Fat, Necrosis	1 [2.0]				
CARDIOVASCULAR SYSTEM					
Heart	(10)	(0)	(0)	(0)	(0)
Cardiomyopathy	1 [1.0]				
Infiltration Cellular, Mixed Cell	3 [1.0]				
ENDOCRINE SYSTEM					

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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Lab: SRI

FISCHER 344 RATS MALE	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)
Accessory Adrenal Cortical Nodule	2 [1.5]				
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					
HEMATOPOIETIC SYSTEM					
Lymph Node, Mesenteric	(7)	(10)	(9)	(10)	(10)
Hemorrhage	1 [1.0]				
Lipidosis		2 [1.0]	1 [1.0]		5 [1.4]
Lymphatic, Ectasia		2 [1.0]	1 [1.0]		5 [1.4]
Spleen	(10)	(0)	(0)	(0)	(0)
Pigmentation	3 [1.0]				
INTEGUMENTARY SYSTEM					
None					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Lung	(10)	(0)	(0)	(0)	(0)
Hemorrhage					
Inflammation, Chronic	3 [1.0]				

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Lab: SRI

FISCHER 344 RATS MALE	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
Alveolar Epithelium, Hyperplasia	1 [1.0]				
Nose	(10)	(0)	(0)	(0)	(0)
Nasolacrimal Duct, Inflammation, Chronic	1 [2.0]				
SPECIAL SENSES SYSTEM					
Harderian Gland	(10)	(0)	(0)	(0)	(0)
Inflammation, Chronic					
URINARY SYSTEM					
Kidney	(10)	(0)	(0)	(0)	(0)
Nephropathy					

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Species/Strain: RATS/F 344

Lab: SRI

FISCHER 344 RATS MALE

300 MG/KG

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Esophagus	(9)
Inflammation, Chronic	1 [1.0]
Intestine Small, Duodenum	(10)
Lamina Propria, Lipidosis	10 [2.2]
Lymphatic, Ectasia	10 [2.2]
Intestine Small, Jejunum	(10)
Lamina Propria, Lipidosis	10 [3.5]
Lymphatic, Ectasia	10 [3.5]
Liver	(10)
Hemorrhage	
Hepatodiaphragmatic Nodule	
Infiltration Cellular, Mixed Cell	1 [1.0]
Capsule, Fibrosis	
Hepatocyte, Necrosis	
Hepatocyte, Vacuolization Cytoplasmic	2 [1.0]
Mesentery	(0)
Accessory Spleen	
Fat, Necrosis	

CARDIOVASCULAR SYSTEM

Heart	(10)
Cardiomyopathy	3 [1.0]
Infiltration Cellular, Mixed Cell	3 [1.0]

ENDOCRINE SYSTEM

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 MALE

300 MG/KG

Adrenal Cortex
Accessory Adrenal Cortical Nodule

(10)
1 [1.0]

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

None

HEMATOPOIETIC SYSTEM

Lymph Node, Mesenteric
Hemorrhage
Lipidosis
Lymphatic, Ectasia
Spleen
Pigmentation

(10)
1 [1.0]
10 [3.0]
10 [3.0]
(10)
1 [1.0]

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

Lung
Hemorrhage
Inflammation, Chronic

(10)
1 [2.0]

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Lab: SRI

FISCHER 344 RATS MALE	300 MG/KG
Alveolar Epithelium, Hyperplasia Nose Nasolacrimal Duct, Inflammation, Chronic	(10)
SPECIAL SENSES SYSTEM	
Harderian Gland Inflammation, Chronic	(10) 1 [1.0]
URINARY SYSTEM	
Kidney Nephropathy	(10) 2 [1.0]

*** END OF MALE ***

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Species/Strain: RATS/F 344

Lab: SRI

FISCHER 344 RATS FEMALE	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
Disposition Summary					
Animals Initially in Study	10	10	10	10	10
Early Deaths					
Survivors					
Terminal Sacrifice	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10
ALIMENTARY SYSTEM					
Intestine Small, Duodenum	(10)	(10)	(10)	(10)	(10)
Lamina Propria, Lipidosis					9 [1.0]
Lymphatic, Ectasia					9 [1.0]
Intestine Small, Jejunum	(10)	(10)	(10)	(10)	(10)
Lamina Propria, Lipidosis			1 [1.0]	10 [1.0]	10 [1.8]
Lymphatic, Ectasia			1 [1.0]	10 [1.0]	10 [1.8]
Liver	(10)	(10)	(10)	(10)	(10)
Eosinophilic Focus	1				
Hemorrhage				1 [1.0]	
Hepatodiaphragmatic Nodule					2
Infiltration Cellular, Mixed Cell	2 [1.5]	1 [1.0]	2 [1.0]	1	2 [1.0]
Mesentery	(0)	(0)	(1)	(0)	(1)
Fat, Necrosis			1 [3.0]		1 [2.0]
Pancreas	(10)	(0)	(0)	(0)	(0)
Atrophy					
CARDIOVASCULAR SYSTEM					
Heart	(10)	(0)	(0)	(0)	(0)
Cardiomyopathy	2 [1.0]				
ENDOCRINE SYSTEM					
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)
Accessory Adrenal Cortical Nodule	2 [1.0]				
Pituitary Gland	(10)	(0)	(1)	(0)	(0)
Rathke's Cleft, Hemorrhage			1 [2.0]		

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FISCHER 344 RATS FEMALE	0 MG/KG	18.75 MG/KG	37.5 MG/KG	75 MG/KG	150 MG/KG
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
Ovary Cyst	(10)	(0)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM					
Lymph Node	(0)	(0)	(1)	(0)	(0)
Mediastinal, Hemorrhage			1 [2.0]		
Mediastinal, Hyperplasia, Lymphoid			1 [4.0]		
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)
Lipidosis					3 [1.3]
Lymphatic, Ectasia					3 [1.3]
Spleen	(10)	(0)	(0)	(0)	(0)
Pigmentation	2 [2.0]				
INTEGUMENTARY SYSTEM					
Skin	(10)	(0)	(0)	(0)	(0)
Cyst Epithelial Inclusion					
MUSCULOSKELETAL SYSTEM					
None					
NERVOUS SYSTEM					
None					
RESPIRATORY SYSTEM					
Lung	(10)	(0)	(0)	(0)	(0)

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Hemorrhage Nose Inflammation, Chronic	1 [2.0] (10) 1 [1.0]	(0)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM					
Harderian Gland Inflammation, Suppurative	(10)	(0)	(0)	(0)	(0)
URINARY SYSTEM					
Kidney Nephropathy	(10)	(0)	(0)	(0)	(0)

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FISCHER 344 RATS FEMALE

300 MG/KG

Disposition Summary

Animals Initially in Study	10
Early Deaths	
Survivors	
Terminal Sacrifice	10
Animals Examined Microscopically	10

ALIMENTARY SYSTEM

Intestine Small, Duodenum	(10)
Lamina Propria, Lipidosis	10 [2.4]
Lymphatic, Ectasia	10 [2.4]
Intestine Small, Jejunum	(10)
Lamina Propria, Lipidosis	10 [3.0]
Lymphatic, Ectasia	10 [3.0]
Liver	(10)
Eosinophilic Focus	
Hemorrhage	
Hepatodiaphragmatic Nodule	
Infiltration Cellular, Mixed Cell	
Mesentery	(1)
Fat, Necrosis	1 [2.0]
Pancreas	(10)
Atrophy	2 [1.0]

CARDIOVASCULAR SYSTEM

Heart	(10)
Cardiomyopathy	

ENDOCRINE SYSTEM

Adrenal Cortex	(10)
Accessory Adrenal Cortical Nodule	1 [1.0]
Pituitary Gland	(10)
Rathke's Cleft, Hemorrhage	

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FISCHER 344 RATS FEMALE

300 MG/KG

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

Ovary	(10)
Cyst	1

HEMATOPOIETIC SYSTEM

Lymph Node	(0)
Mediastinal, Hemorrhage	
Mediastinal, Hyperplasia, Lymphoid	
Lymph Node, Mesenteric	(10)
Lipidosis	9 [3.2]
Lymphatic, Ectasia	9 [3.2]
Spleen	(10)
Pigmentation	4 [1.8]

INTEGUMENTARY SYSTEM

Skin	(10)
Cyst Epithelial Inclusion	1

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

Lung	(10)
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FISCHER 344 RATS FEMALE	300 MG/KG
Hemorrhage	1 [2.0]
Nose	(10)
Inflammation, Chronic	1 [1.0]
<hr/>	
SPECIAL SENSES SYSTEM	
Harderian Gland	(10)
Inflammation, Suppurative	1 [2.0]
<hr/>	
URINARY SYSTEM	
Kidney	(10)
Nephropathy	2 [1.0]

*** END OF REPORT ***

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