

TDMs No. 20203 - 02

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

Date Report Requested: 04/15/2009

Test Type: 90-DAY

Green tea extract

Time Report Requested: 08:55:24

Route: GAVAGE

CAS Number: GREENTEAEXTR

First Dose M/F: 04/20/06 / 04/19/06

Species/Strain: MICE/B6C3F1

Lab: BAT

F_M3

C Number: C20203
Lock Date: 01/04/2007
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.1.0

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Species/Strain: MICE/B6C3F1

Lab: BAT

B6C3F1 MICE MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Natural Death						6
Survivors						
Terminal Sacrifice	10	10	10	10	10	4
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Intestine Large, Colon	(10)	(0)	(0)	(0)	(10)	(10)
Peyer's Patch, Atrophy						1 [1.0]
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(10)	(10)
Peyer's Patch, Atrophy						2 [2.0]
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Depletion Glycogen	2 [1.0]		2 [1.5]	8 [1.5]	10 [1.7]	4 [2.5]
Infiltration Cellular, Mixed Cell	8 [1.0]	6 [1.0]	8 [1.0]	7 [1.0]	4 [1.0]	2 [1.0]
Karyomegaly						2 [1.0]
Mitosis						3 [1.3]
Pigmentation						2 [1.0]
Centrilobular, Necrosis			2 [1.0]			8 [3.1]
CARDIOVASCULAR SYSTEM						
Heart	(10)	(10)	(10)	(10)	(10)	(10)
Cardiomyopathy	1 [1.0]					
Myocardium, Hemorrhage						1 [1.0]
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(10)	(10)
Subcapsular, Hyperplasia	3 [1.0]				5 [1.0]	3 [1.0]
GENERAL BODY 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: BAT

B6C3F1 MICE MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
None						
GENITAL SYSTEM						
Prostate	(10)	(0)	(0)	(0)	(10)	(10)
Infiltration Cellular, Mononuclear Cell	6 [1.2]				6 [1.0]	3 [1.0]
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy	1 [1.0]				2 [1.0]	7 [1.9]
Hyperplasia, Lymphoid	1 [2.0]	1 [2.0]				
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy	4 [1.0]				2 [1.0]	8 [1.4]
Hyperplasia, Lymphoid		4 [1.8]	3 [1.7]	1 [2.0]		
Spleen	(10)	(10)	(10)	(10)	(10)	(10)
Lymphoid Follicle, Hyperplasia	2 [1.5]		1 [1.0]		1 [1.0]	1 [1.0]
Thymus	(10)	(10)	(10)	(10)	(10)	(10)
Atrophy						6 [3.3]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
Brain	(10)	(0)	(0)	(0)	(10)	(10)
Hydrocephalus					1 [1.0]	
RESPIRATORY SYSTEM						
Lung	(10)	(0)	(0)	(0)	(10)	(10)
Nose	(10)	(10)	(10)	(10)	(10)	(10)

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Lab: BAT

B6C3F1 MICE MALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Foreign Body					1	
Inflammation			1 [3.0]		1 [2.0]	1 [2.0]
Glands, Olfactory Epithelium, Hyperplasia						3 [1.3]
Lamina Propria, Pigmentation, Histiocyte Nerve, Atrophy				5 [1.2]	7 [1.1]	1 [1.0]
Olfactory Epithelium, Atrophy		1 [1.0]		4 [1.3]	4 [1.8]	5 [1.8]
Olfactory Epithelium, Hyperplasia, Basal Cell						4 [1.3]
Olfactory Epithelium, Metaplasia				5 [1.0]	5 [1.2]	3 [2.3]
Olfactory Epithelium, Necrosis			1 [3.0]		1 [3.0]	5 [2.2]
Olfactory Epithelium, Pigmentation						3 [1.7]
Respiratory Epithelium, Hyaline Droplet					1 [1.0]	1 [1.0]
Respiratory Epithelium, Hyperplasia						3 [1.0]
Respiratory Epithelium, Metaplasia, Squamous						1 [2.0]
Respiratory Epithelium, Necrosis					1 [4.0]	1 [2.0]
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(10)	(10)
Nephropathy	5 [1.0]				4 [1.0]	4 [1.0]
Urinary Bladder	(10)	(0)	(0)	(0)	(10)	(10)
Infiltration Cellular, Lymphocyte	1 [1.0]				2 [1.0]	

*** END OF MALE ***

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Lab: BAT

B6C3F1 MICE FEMALE	0 mg/kg	62.5 mg/kg	125 mg/kg	250 mg/kg	500 mg/kg	1000 mg/kg
Disposition Summary						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Moribund Sacrifice						4
Survivors						
Terminal Sacrifice	10	10	10	10	10	6
Animals Examined Microscopically	10	10	10	10	10	10
ALIMENTARY SYSTEM						
Esophagus	(10)	(0)	(0)	(0)	(0)	(10)
Muscularis, Degeneration	1 [1.0]					1 [2.0]
Intestine Large, Cecum	(10)	(0)	(0)	(0)	(0)	(10)
Peyer's Patch, Atrophy						1 [1.0]
Intestine Small, Ileum	(10)	(0)	(0)	(0)	(0)	(10)
Peyer's Patch, Atrophy						2 [2.5]
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Depletion Glycogen				1 [1.0]	4 [1.5]	7 [2.1]
Fatty Change						1 [2.0]
Infiltration Cellular, Mixed Cell	10 [1.0]	9 [1.0]	10 [1.0]	10 [1.0]	10 [1.0]	3 [1.0]
Inflammation, Chronic						3 [2.0]
Karyomegaly						5 [1.0]
Mitosis						2 [2.0]
Pigmentation						2 [1.0]
Centrilobular, Necrosis						7 [2.4]
CARDIOVASCULAR SYSTEM						
Heart	(10)	(10)	(10)	(10)	(10)	(10)
Myocardium, Hemorrhage						1 [1.0]
Myocardium, Necrosis						1 [1.0]
ENDOCRINE SYSTEM						
Adrenal Cortex	(10)	(0)	(0)	(0)	(0)	(10)
Subcapsular, Hyperplasia	10 [1.0]					8 [1.0]

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

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Thyroid Gland Infiltration Cellular, Mononuclear Cell	(10) 1 [2.0]	(0)	(0)	(0)	(0)	(10)
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
Lymph Node, Mandibular Atrophy	(10)	(10)	(10)	(10) 2 [1.0]	(10) 2 [1.5]	(10) 4 [2.0]
Hemorrhage		1 [1.0]				
Hyperplasia, Lymphoid		1 [3.0]				
Lymph Node, Mesenteric Atrophy	(10) 2 [1.0]	(10)	(10)	(10)	(10) 2 [1.5]	(9) 3 [2.3]
Hyperplasia, Lymphoid					1 [1.0]	
Spleen Atrophy, Lymphoid	(10)	(10)	(10)	(10) 1 [1.0]	(10) 4 [1.0]	(10) 4 [2.8]
Lymphoid Follicle, Hyperplasia					1 [1.0]	
Thymus Atrophy	(10)	(10)	(10)	(10)	(10)	(10) 4 [3.3]
Necrosis						2 [3.0]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						

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None						
RESPIRATORY SYSTEM						
Nose	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation		1 [2.0]	1 [2.0]			1 [1.0]
Glands, Olfactory Epithelium, Hyperplasia						1 [1.0]
Nasopharyngeal Duct, Degeneration						1 [1.0]
Nerve, Atrophy			1 [1.0]	1 [1.0]	7 [1.3]	5 [1.4]
Olfactory Epithelium, Atrophy			1 [2.0]		4 [1.0]	4 [1.8]
Olfactory Epithelium, Hyperplasia, Basal Cell						1 [2.0]
Olfactory Epithelium, Metaplasia			1 [1.0]	1 [1.0]	7 [1.6]	6 [1.3]
Olfactory Epithelium, Necrosis					1 [1.0]	4 [1.5]
Respiratory Epithelium, Hyaline Droplet				1 [2.0]	4 [1.8]	
Respiratory Epithelium, Hyperplasia						2 [2.0]
Respiratory Epithelium, Metaplasia, Squamous						1 [1.0]
Respiratory Epithelium, Necrosis						1 [3.0]
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(0)	(0)	(0)	(0)	(10)
Nephropathy	2 [1.0]					2 [1.5]

*** END OF REPORT ***

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)