

Experiment Number: 20101-01
Test Type: 18-33 DAYS
Route: DOSED FEED
Species/Strain: Mouse/P53(C57BL/6)

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

Test Compound: Senna (powdered)
CAS Number: 8013-11-4

Date Report Requested: 10/22/2014
Time Report Requested: 22:36:29
First Dose M/F: NA / NA
Lab: BAT

C Number: C20101
Lock Date: 01/25/2006
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: NONE

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P53(C57BL/6) Mouse MALE	0 ppm	625 ppm	1250 ppm	2500 ppm	5000 ppm	10,000 ppm
Disposition Summary						
Animals Initially In Study	5	5	5	5	5	5
Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
Intestine Large, Cecum	(5)	(5)	(5)	(5)	(5)	(5)
Epithelium, Hyperplasia		2 [1.0]	1 [1.0]	1 [1.0]	3 [1.0]	5 [1.8]
Intestine Large, Colon	(5)	(5)	(5)	(5)	(5)	(5)
Epithelium, Hyperplasia			1 [1.0]	1 [1.0]	4 [1.3]	5 [2.0]
Intestine Large, Rectum	(5)	(5)	(5)	(5)	(5)	(5)
Intestine Small, Duodenum	(5)	(5)	(5)	(5)	(5)	(5)
Intestine Small, Ileum	(5)	(5)	(5)	(5)	(5)	(5)
Intestine Small, Jejunum	(5)	(5)	(5)	(5)	(5)	(5)
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Infiltration Cellular, Mixed Cell	5 [1.0]	5 [1.0]	5 [1.0]	4 [1.0]	5 [1.0]	5 [1.0]
Stomach, Forestomach	(5)	(5)	(5)	(5)	(5)	(5)
Stomach, Glandular	(5)	(5)	(5)	(5)	(5)	(5)
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(5)	(5)	(5)	(5)	(5)	(5)
Atrophy				1 [1.0]		
Adrenal Medulla	(5)	(5)	(5)	(5)	(5)	(5)
Pituitary Gland	(5)	(5)	(5)	(5)	(5)	(5)
Thyroid Gland	(5)	(5)	(5)	(5)	(5)	(5)

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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GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Epididymis	(5)	(5)	(5)	(5)	(5)	(5)
Granuloma Sperm						1 [2.0]
Inflammation	1 [1.0]		1 [1.0]			
Testes	(5)	(5)	(5)	(5)	(5)	(5)
Degeneration	1 [1.0]					
HEMATOPOIETIC SYSTEM						
Lymph Node	(5)	(4)	(5)	(5)	(4)	(5)
Mediastinal, Atrophy		2 [1.5]	1 [1.0]			
Lymph Node, Mandibular	(5)	(5)	(5)	(5)	(5)	(5)
Lymph Node, Mesenteric	(5)	(5)	(5)	(5)	(5)	(5)
Atrophy	2 [1.5]		1 [1.0]	1 [2.0]		
Spleen	(5)	(5)	(5)	(5)	(5)	(5)
Lymph Follic, Atrophy	1 [1.0]			1 [1.0]		
Pigmentation, Hemosiderin				1 [1.0]	1 [2.0]	
Thymus	(5)	(5)	(5)	(5)	(5)	(5)
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)

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SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(5)	(5)	(5)	(5)	(5)
Infiltration Cellular, Mixed Cell						1 [1.0]
Nephropathy		1 [1.0]				
Papilla, Mineralization	2 [1.0]					1 [1.0]
Urinary Bladder	(5)	(5)	(5)	(5)	(5)	(5)
Inflammation, Granulomatous, Focal			1 [1.0]			

END OF MALE DATA

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Early Deaths						
Survivors						
Terminal Sacrifice	5	5	5	5	5	5
Animals Examined Microscopically	5	5	5	5	5	5
ALIMENTARY SYSTEM						
Intestine Large, Cecum	(5)	(5)	(5)	(5)	(5)	(5)
Epithelium, Hyperplasia				2 [1.0]	4 [1.0]	5 [1.8]
Intestine Large, Colon	(5)	(5)	(5)	(5)	(5)	(5)
Epithelium, Hyperplasia				1 [1.0]	5 [1.4]	5 [3.0]
Intestine Large, Rectum	(5)	(5)	(5)	(5)	(5)	(5)
Epithelium, Hyperplasia						3 [1.0]
Intestine Small, Duodenum	(5)	(5)	(5)	(5)	(5)	(5)
Intestine Small, Ileum	(5)	(5)	(5)	(5)	(5)	(5)
Intestine Small, Jejunum	(5)	(5)	(5)	(5)	(5)	(5)
Liver	(5)	(5)	(5)	(5)	(5)	(5)
Hepatocyte, Vacuolization Cytoplasmic					1 [4.0]	
Infiltration Cellular, Mixed Cell	5 [1.0]	5 [1.0]	5 [1.0]	5 [1.0]	4 [1.0]	5 [1.0]
Stomach, Forestomach	(5)	(5)	(5)	(5)	(5)	(5)
Stomach, Glandular	(5)	(5)	(5)	(5)	(5)	(5)
Glands, Ectasia	1 [1.0]					
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
Adrenal Cortex	(5)	(5)	(5)	(5)	(5)	(5)
Atrophy				1 [1.0]		

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Hyperplasia		2 [1.0]		1 [1.0]		1 [1.0]
Adrenal Medulla	(5)	(5)	(5)	(5)	(5)	(5)
Pituitary Gland	(5)	(5)	(4)	(5)	(5)	(5)
Thyroid Gland	(5)	(5)	(5)	(5)	(5)	(5)
Infiltration Cellular, Lipocyte					1 [2.0]	
Infiltration Cellular, Mononuclear CI	1 [2.0]		1 [1.0]	1 [2.0]		
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Ovary	(5)	(5)	(5)	(5)	(5)	(5)
Uterus	(5)	(5)	(5)	(5)	(5)	(5)
HEMATOPOIETIC SYSTEM						
Lymph Node	(5)	(5)	(4)	(5)	(5)	(4)
Mediastinal, Atrophy	1 [2.0]					
Mediastinal, Hyperplasia			2 [1.0]		1 [1.0]	
Lymph Node, Mandibular	(5)	(5)	(5)	(5)	(5)	(5)
Lymph Node, Mesenteric	(5)	(5)	(5)	(5)	(5)	(5)
Spleen	(5)	(5)	(5)	(5)	(5)	(5)
Hematopoietic Cell Proliferation	2 [1.0]	2 [1.0]	2 [1.0]	2 [1.0]	1 [1.0]	3 [1.0]
Lymph Follic, Atrophy					1 [1.0]	
Pigmentation, Hemosiderin						1 [1.0]
Thymus	(5)	(5)	(5)	(5)	(5)	(5)
Atrophy					1 [3.0]	
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						

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NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(5)	(5)	(5)	(5)	(5)	(5)
Infiltration Cellular, Mononuclear Cl				1 [1.0]		
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(5)	(5)	(5)	(5)	(5)	(5)
Infiltration Cellular, Mixed Cell		1 [1.0]			1 [1.0]	
Nephropathy	1 [1.0]					2 [1.0]
Papilla, Mineralization						1 [1.0]
Urinary Bladder	(5)	(5)	(5)	(5)	(5)	(5)

**** END OF REPORT ****

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