

Experiment Number: 20108-04
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/TRAMP

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

Test Compound: Antioxidant model (TRAMP) - Epigallocatechin gallate
CAS Number: 989-51-5

Date Report Requested: 10/23/2014
Time Report Requested: 09:14:13
First Dose M/F: NA / NA
Lab: ILS

C Number: C20108B
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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TRAMP Mouse MALE	VEHICLE CONTROL	EGCG	200MG/KG
Disposition Summary			
Animals Initially In Study	10		32
Scheduled Sacrifice	10		32
Early Deaths			
Survivors			
Animals Examined Microscopically	10		32
ALIMENTARY SYSTEM			
Liver	(10)		(32)
Inflammation, Focal	3 [1.0]		8 [1.0]
Tension Lipidosis			2 [2.0]
CARDIOVASCULAR SYSTEM			
None			
ENDOCRINE SYSTEM			
Pituitary Gland	(9)		(26)
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Epididymis	(10)		(31)
Aspermia	1 [2.0]		
Duct, Atypia Cellular			1 [1.0]
Inflammation, Focal			1 [1.0]
Prostate	(2)		(0)
Prostate, Anterior Lobe	(10)		(32)
Hyperplasia, Grade 3, Focal	2		6
Hyperplasia, Grade 3, Multifocal	7		23
Hyperplasia, Grade 4, Focal			2

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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TRAMP Mouse MALE	VEHICLE CONTROL	EGCG	200MG/KG
Hyperplasia, Grade 4, Multifocal			1
Hyperplasia, Grade 5, Focal	1		
Prostate, Dorsal Lobe	(9)		(32)
Hyperplasia, Grade 3, Diffuse	4		1
Hyperplasia, Grade 3, Focal	1		3
Hyperplasia, Grade 3, Multifocal	1		9
Hyperplasia, Grade 4, Focal	2		12
Hyperplasia, Grade 4, Multifocal	1		4
Hyperplasia, Grade 5, Focal			2
Hyperplasia, Grade 5, Multifocal			1
Prostate, Lateral Lobe	(6)		(31)
Hyperplasia, Grade 3, Diffuse	2		11
Hyperplasia, Grade 3, Focal	2		3
Hyperplasia, Grade 3, Multifocal	2		16
Hyperplasia, Grade 4, Focal			1
Prostate, Ventral Lobe	(8)		(23)
Hyperplasia, Grade 2, Diffuse	1		
Hyperplasia, Grade 2, Focal			1
Hyperplasia, Grade 2, Multifocal			2
Hyperplasia, Grade 3, Diffuse	1		
Hyperplasia, Grade 3, Focal	1		17
Hyperplasia, Grade 3, Multifocal	5		3
Seminal Vesicle	(10)		(32)
Hyperplasia, Grade 1, Focal	1		
Hyperplasia, Grade 2, Focal	1		5
Hyperplasia, Grade 2, Multifocal	2		2
Hyperplasia, Grade 3, Focal			4
Hyperplasia, Papillary	3		4
Testes	(10)		(32)

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Germinal Epith, Syncytial Alteration			2 [1.0]
Seminif Tub, Atrophy	1 [1.0]		2 [1.0]
HEMATOPOIETIC SYSTEM			
Spleen	(10)		(31)
Hematopoietic Cell Proliferation	1 [4.0]		
INTEGUMENTARY SYSTEM			
None			
MUSCULOSKELETAL SYSTEM			
None			
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
None			
SPECIAL SENSES SYSTEM			
Eye	(1)		(0)
URINARY SYSTEM			
Kidney	(10)		(32)
Cortex, Renal Tubule, Regeneration, Focal			3 [1.0]
Hydronephrosis	1 [3.0]		
Medulla, Renal Tubule, Dilatation, Focal			1 [1.0]
Medulla, Renal Tubule, Regeneration, Focal			1 [1.0]
Urinary Bladder	(10)		(26)

**** END OF REPORT ****

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