

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

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

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

Date Report Requested: 10/23/2014
Time Report Requested: 09:14:24
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 (30%)		8 (25%)
Tension Lipidosis			2 (6%)
CARDIOVASCULAR SYSTEM			
None			
ENDOCRINE SYSTEM			
Pituitary Gland	(9)		(26)
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Epididymis	(10)		(31)
Aspermia	1 (10%)		
Duct, Atypia Cellular			1 (3%)
Inflammation, Focal			1 (3%)
Prostate	(2)		(0)
Prostate, Anterior Lobe	(10)		(32)
Hyperplasia, Grade 3, Focal	2 (20%)		6 (19%)
Hyperplasia, Grade 3, Multifocal	7 (70%)		23 (72%)
Hyperplasia, Grade 4, Focal			2 (6%)
Hyperplasia, Grade 4, Multifocal			1 (3%)

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

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Hyperplasia, Grade 5, Focal	1 (10%)		
Prostate, Dorsal Lobe	(9)		(32)
Hyperplasia, Grade 3, Diffuse	4 (44%)		1 (3%)
Hyperplasia, Grade 3, Focal	1 (11%)		3 (9%)
Hyperplasia, Grade 3, Multifocal	1 (11%)		9 (28%)
Hyperplasia, Grade 4, Focal	2 (22%)		12 (38%)
Hyperplasia, Grade 4, Multifocal	1 (11%)		4 (13%)
Hyperplasia, Grade 5, Focal			2 (6%)
Hyperplasia, Grade 5, Multifocal			1 (3%)
Prostate, Lateral Lobe	(6)		(31)
Hyperplasia, Grade 3, Diffuse	2 (33%)		11 (35%)
Hyperplasia, Grade 3, Focal	2 (33%)		3 (10%)
Hyperplasia, Grade 3, Multifocal	2 (33%)		16 (52%)
Hyperplasia, Grade 4, Focal			1 (3%)
Prostate, Ventral Lobe	(8)		(23)
Hyperplasia, Grade 2, Diffuse	1 (13%)		
Hyperplasia, Grade 2, Focal			1 (4%)
Hyperplasia, Grade 2, Multifocal			2 (9%)
Hyperplasia, Grade 3, Diffuse	1 (13%)		
Hyperplasia, Grade 3, Focal	1 (13%)		17 (74%)
Hyperplasia, Grade 3, Multifocal	5 (63%)		3 (13%)
Seminal Vesicle	(10)		(32)
Hyperplasia, Grade 1, Focal	1 (10%)		
Hyperplasia, Grade 2, Focal	1 (10%)		5 (16%)
Hyperplasia, Grade 2, Multifocal	2 (20%)		2 (6%)
Hyperplasia, Grade 3, Focal			4 (13%)
Hyperplasia, Papillary	3 (30%)		4 (13%)
Testes	(10)		(32)
Germinal Epith, Syncytial Alteration			2 (6%)
Seminif Tub, Atrophy	1 (10%)		2 (6%)

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HEMATOPOIETIC SYSTEM			
Spleen	(10)		(31)
Hematopoietic Cell Proliferation	1 (10%)		
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 (9%)
Hydronephrosis	1 (10%)		
Medulla, Renal Tubule, Dilatation, Focal			1 (3%)
Medulla, Renal Tubule, Regeneration, Focal			1 (3%)
Urinary Bladder	(10)		(26)

**** END OF REPORT ****

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