

Experiment Number: 20108-02
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) - NAO (spinach extract)
CAS Number: NAOSPINEXTR

Date Report Requested: 10/23/2014
Time Report Requested: 11:20:55
First Dose M/F: NA / NA
Lab: ILS

C Number: C20108A
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	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	5 (50%)	8 (25%)
Tension Lipidosis		2 (6%)
Stomach, Forestomach	(0)	(1)
Stomach, Glandular	(0)	(1)
CARDIOVASCULAR SYSTEM		
None		
ENDOCRINE SYSTEM		
Pituitary Gland	(9)	(21)
GENERAL BODY SYSTEM		
None		
GENITAL SYSTEM		
Epididymis	(10)	(32)
Inflammation, Granulomatous		1 (3%)
Prostate	(0)	(1)
Prostate, Anterior Lobe	(10)	(32)
Hyperplasia, Grade 3, Diffuse		1 (3%)
Hyperplasia, Grade 3, Focal	1 (10%)	6 (19%)
Hyperplasia, Grade 3, Multifocal	3 (30%)	17 (53%)
Hyperplasia, Grade 4, Focal	2 (20%)	7 (22%)

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

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Hyperplasia, Grade 4, Multifocal Prostate, Dorsal Lobe	4 (40%) (10)	1 (3%) (31)
Hyperplasia, Grade 3, Diffuse	1 (10%)	4 (13%)
Hyperplasia, Grade 3, Focal	2 (20%)	3 (10%)
Hyperplasia, Grade 3, Multifocal		16 (52%)
Hyperplasia, Grade 4, Focal		5 (16%)
Hyperplasia, Grade 4, Multifocal	2 (20%)	2 (6%)
Hyperplasia, Grade 5, Focal	4 (40%)	1 (3%)
Hyperplasia, Grade 5, Multifocal	1 (10%)	
Prostate, Lateral Lobe	(7)	(30)
Hyperplasia, Grade 2, Diffuse	1 (14%)	1 (3%)
Hyperplasia, Grade 3, Diffuse	1 (14%)	3 (10%)
Hyperplasia, Grade 3, Focal	1 (14%)	5 (17%)
Hyperplasia, Grade 3, Multifocal	3 (43%)	20 (67%)
Hyperplasia, Grade 4, Focal	1 (14%)	1 (3%)
Inflammation		2 (7%)
Prostate, Ventral Lobe	(5)	(24)
Hyperplasia, Grade 2, Diffuse		3 (13%)
Hyperplasia, Grade 2, Multifocal		5 (21%)
Hyperplasia, Grade 3, Diffuse	3 (60%)	2 (8%)
Hyperplasia, Grade 3, Focal	1 (20%)	5 (21%)
Hyperplasia, Grade 3, Multifocal	1 (20%)	9 (38%)
Seminal Vesicle	(10)	(32)
Hyperplasia, Grade 2, Focal		4 (13%)
Hyperplasia, Grade 2, Multifocal	1 (10%)	
Hyperplasia, Grade 3, Focal	2 (20%)	
Hyperplasia, Grade 3, Multifocal	4 (40%)	
Hyperplasia, Papillary	3 (30%)	6 (19%)
Testes	(10)	(32)
Atrophy	1 (10%)	

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Germinal Epith, Syncytial Alteration		1 (3%)
Seminif Tub, Atrophy		2 (6%)
HEMATOPOIETIC SYSTEM		
Lymph Node	(0)	(2)
Spleen	(10)	(32)
Hematopoietic Cell Proliferation		1 (3%)
Thymus	(0)	(1)
INTEGUMENTARY SYSTEM		
Mammary Gland	(0)	(1)
MUSCULOSKELETAL SYSTEM		
None		
NERVOUS SYSTEM		
None		
RESPIRATORY SYSTEM		
None		
SPECIAL SENSES SYSTEM		
Eye	(0)	(3)
URINARY SYSTEM		
Kidney	(10)	(32)
Cortex, Renal Tubule, Regeneration, Focal	1 (10%)	1 (3%)
Medulla, Renal Tubule, Dilatation		1 (3%)
Medulla, Renal Tubule, Dilatation, Focal	1 (10%)	
Urinary Bladder	(9)	(30)

**** END OF REPORT ****

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