

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

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 11:20:43  
**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
<b>Disposition Summary</b>		
Animals Initially In Study	10	32
Scheduled Sacrifice	10	32
Early Deaths		
Survivors		
Animals Examined Microscopically	10	32
<b>ALIMENTARY SYSTEM</b>		
Liver	(10)	(32)
Inflammation, Focal	5 [1.0]	8 [1.0]
Tension Lipidosis		2 [2.0]
Stomach, Forestomach	(0)	(1)
Stomach, Glandular	(0)	(1)
<b>CARDIOVASCULAR SYSTEM</b>		
None		
<b>ENDOCRINE SYSTEM</b>		
Pituitary Gland	(9)	(21)
<b>GENERAL BODY SYSTEM</b>		
None		
<b>GENITAL SYSTEM</b>		
Epididymis	(10)	(32)
Inflammation, Granulomatous		1 [2.0]
Prostate	(0)	(1)
Prostate, Anterior Lobe	(10)	(32)
Hyperplasia, Grade 3, Diffuse		1
Hyperplasia, Grade 3, Focal	1	6
Hyperplasia, Grade 3, Multifocal	3	17

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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Hyperplasia, Grade 4, Focal	2	7
Hyperplasia, Grade 4, Multifocal	4	1
Prostate, Dorsal Lobe	(10)	(31)
Hyperplasia, Grade 3, Diffuse	1	4
Hyperplasia, Grade 3, Focal	2	3
Hyperplasia, Grade 3, Multifocal		16
Hyperplasia, Grade 4, Focal		5
Hyperplasia, Grade 4, Multifocal	2	2
Hyperplasia, Grade 5, Focal	4	1
Hyperplasia, Grade 5, Multifocal	1	
Prostate, Lateral Lobe	(7)	(30)
Hyperplasia, Grade 2, Diffuse	1	1
Hyperplasia, Grade 3, Diffuse	1	3
Hyperplasia, Grade 3, Focal	1	5
Hyperplasia, Grade 3, Multifocal	3	20
Hyperplasia, Grade 4, Focal	1	1
Inflammation		2 [2.0]
Prostate, Ventral Lobe	(5)	(24)
Hyperplasia, Grade 2, Diffuse		3
Hyperplasia, Grade 2, Multifocal		5
Hyperplasia, Grade 3, Diffuse	3	2
Hyperplasia, Grade 3, Focal	1	5
Hyperplasia, Grade 3, Multifocal	1	9
Seminal Vesicle	(10)	(32)
Hyperplasia, Grade 2, Focal		4
Hyperplasia, Grade 2, Multifocal	1	
Hyperplasia, Grade 3, Focal	2	
Hyperplasia, Grade 3, Multifocal	4	
Hyperplasia, Papillary	3	6

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Testes	(10)	(32)
Atrophy	1 [1.0]	
Germinal Epith, Syncytial Alteration		1 [1.0]
Seminif Tub, Atrophy		2 [1.5]
HEMATOPOIETIC SYSTEM		
Lymph Node	(0)	(2)
Spleen	(10)	(32)
Hematopoietic Cell Proliferation		1 [3.0]
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 [1.0]	1 [1.0]
Medulla, Renal Tubule, Dilatation		1 [1.0]
Medulla, Renal Tubule, Dilatation, Focal	1 [1.0]	
Urinary Bladder	(9)	(30)

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**\*\* END OF REPORT \*\***

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