

Experiment Number: 20108-06
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) - N-acetylcysteine
CAS Number: 616-91-1

Date Report Requested: 10/23/2014
Time Report Requested: 14:18:27
First Dose M/F: NA / NA
Lab: ILS

C Number: C20108C
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	NAC	125MG/KG
Disposition Summary			
Animals Initially In Study	12		32
Scheduled Sacrifice	12		31
Early Deaths			
Survivors			
Animals Examined Microscopically	12		32
ALIMENTARY SYSTEM			
Liver	(12)		(32)
Inflammation, Focal	6 [1.0]		8 [1.0]
Tension Lipidosis			1 [2.0]
CARDIOVASCULAR SYSTEM			
None			
ENDOCRINE SYSTEM			
Pituitary Gland	(10)		(23)
GENERAL BODY SYSTEM			
None			
GENITAL SYSTEM			
Epididymis	(12)		(32)
Atypia Cellular	1 [1.0]		
Granuloma Sperm			1 [4.0]
Inflammation			1 [2.0]
Prostate	(1)		(0)
Prostate, Anterior Lobe	(12)		(32)
Hyperplasia, Grade 2, Focal			1
Hyperplasia, Grade 3, Diffuse			1
Hyperplasia, Grade 3, Focal	3		7

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	NAC	125MG/KG
Hyperplasia, Grade 3, Multifocal	6		21
Hyperplasia, Grade 4, Focal	3		2
Prostate, Dorsal Lobe	(12)		(29)
Hyperplasia, Grade 3, Diffuse	5		2
Hyperplasia, Grade 3, Focal			4
Hyperplasia, Grade 3, Multifocal	2		9
Hyperplasia, Grade 4, Diffuse			1
Hyperplasia, Grade 4, Focal	5		10
Hyperplasia, Grade 4, Multifocal			1
Hyperplasia, Grade 5, Focal			2
Prostate, Lateral Lobe	(10)		(28)
Hyperplasia, Grade 3, Diffuse	7		11
Hyperplasia, Grade 3, Focal	1		
Hyperplasia, Grade 3, Multifocal	2		17
Prostate, Ventral Lobe	(7)		(25)
Hyperplasia, Grade 2, Focal			1
Hyperplasia, Grade 2, Multifocal	1		5
Hyperplasia, Grade 3, Diffuse	1		1
Hyperplasia, Grade 3, Focal			12
Hyperplasia, Grade 3, Multifocal	5		5
Hyperplasia, Grade 4, Focal			1
Seminal Vesicle	(12)		(32)
Hyperplasia, Grade 2, Focal			5
Hyperplasia, Grade 2, Multifocal	2		
Hyperplasia, Grade 3, Focal			1
Hyperplasia, Papillary	3		7
Testes	(12)		(32)
Germinal Epith, Syncytial Alteration	2 [1.0]		2 [1.0]
Seminif Tub, Atrophy			1 [1.0]

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TRAMP Mouse MALE	VEHICLE CONTROL	NAC	125MG/KG
HEMATOPOIETIC SYSTEM			
Lymph Node	(0)		(2)
Spleen	(12)		(31)
Hematopoietic Cell Proliferation			2 [2.0]
INTEGUMENTARY SYSTEM			
Skin	(0)		(1)
MUSCULOSKELETAL SYSTEM			
None			
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
None			
SPECIAL SENSES SYSTEM			
None			
URINARY SYSTEM			
Kidney	(12)		(32)
Cortex, Renal Tubule, Regeneration, Focal	1 [1.0]		5 [1.0]
Urinary Bladder	(12)		(28)

**** END OF REPORT ****

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