

**Experiment Number:** 20108-05  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/C57BL/6

**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:** 10/17/2014  
**Time Report Requested:** 16:13:58  
**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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C57BL/6 Mouse MALE	VEHICLE CONTROL	NAC	125MG/KG
<b>Disposition Summary</b>			
<b>Animals Initially In Study</b>	12		32
<b>Scheduled Sacrifice</b>	12		30
<b>Early Deaths</b>			
<b>Survivors</b>			
<b>Other</b>			2
<b>Animals Examined Microscopically</b>	12		32
<b>ALIMENTARY SYSTEM</b>			
Liver	(12)		(32)
Inflammation, Focal	5 [1.0]		11 [1.0]
Necrosis, Focal	1 [1.0]		
Tension Lipidosis			2 [2.0]
<b>CARDIOVASCULAR SYSTEM</b>			
None			
<b>ENDOCRINE SYSTEM</b>			
Pituitary Gland	(8)		(21)
<b>GENERAL BODY SYSTEM</b>			
None			
<b>GENITAL SYSTEM</b>			
Epididymis	(10)		(32)
Granuloma Sperm			1 [4.0]
Prostate, Anterior Lobe	(12)		(32)
Hyperplasia, Grade 1, Focal			23
Hyperplasia, Grade 2, Focal	1		
Prostate, Dorsal Lobe	(12)		(31)
Hyperplasia, Grade 1, Focal			3

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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C57BL/6 Mouse MALE	VEHICLE CONTROL	NAC	125MG/KG
Prostate, Lateral Lobe	(11)		(27)
Inflammation, Focal			1 [1.0]
Prostate, Ventral Lobe	(12)		(20)
Hyperplasia, Grade 1, Focal	1		
Seminal Vesicle	(12)		(32)
Testes	(12)		(31)
Germinal Epith, Vacuolization Cytoplasmic, Focal			1 [1.0]
Seminif Tub, Atrophy			2 [1.0]
HEMATOPOIETIC SYSTEM			
Lymph Node	(0)		(1)
Spleen	(12)		(30)
INTEGUMENTARY SYSTEM			
Skin	(0)		(1)
MUSCULOSKELETAL SYSTEM			
None			
NERVOUS SYSTEM			
None			
RESPIRATORY SYSTEM			
None			
SPECIAL SENSES SYSTEM			
Eye	(0)		(2)
URINARY SYSTEM			
Kidney	(12)		(32)
Hydronephrosis			2 [3.0]
Medulla, Renal Tubule, Dilatation, Focal			1 [1.0]

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<b>C57BL/6 Mouse MALE</b>	<b>VEHICLE CONTROL</b>	<b>NAC</b>	<b>125MG/KG</b>
Renal Tubule, Casts Protein	1 [1.0]		
Urinary Bladder	(11)		(29)

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

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