

**Experiment Number:** 20108-06  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/TRAMP

**P04: NEOPLASMS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 14:18:51  
**First Dose M/F:** NA / NA  
**Lab:** ILS

<b>C Number:</b>	C20108C
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Male
<b>PWG Approval Date</b>	NONE

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TRAMP Mouse Male  
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	5	8	8	8	3	8	5	8	5	5	3	8
	8	8	6	9	3	8	7	5	8	7	2	9
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	3	3	3
	1	2	3	4	5	6	7	8	9	0	1	2
	*TOTALS											

Alimentary System

Liver + + + + + + + + + + + 12

Cardiovascular System

NONE

Endocrine System

Pituitary Gland + + + + + + M + + + + M 10

General Body System

NONE

Genital System

Epididymis + + + + + + + + + + + 12

Prostate + 1

Carcinoma X 1

Prostate, Anterior Lobe + + + + + + + + + + + 12

Prostate, Dorsal Lobe + + + + + + + + + + + 12

Prostate, Lateral Lobe M M + + + + + + + + + + 10

Prostate, Ventral Lobe + M M + + + + M M + + M 7

Seminal Vesicle + + + + + + + + + + + 12

Testes + + + + + + + + + + + 12

Hematopoietic System

\* ..Total animals with tissue examined microscopically; Total animals with tumor

+ ..Tissue examined microscopically

X ..Lesion present

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TRAMP Mouse Male  
VEHICLE CONTROL

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	5	8	8	8	3	8	5	8	5	5	3	8	
	8	8	6	9	3	8	7	5	8	7	2	9	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	3	3	3	
	1	2	3	4	5	6	7	8	9	0	1	2	
	<b>*TOTALS</b>												12
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>Integumentary System</b>													
NONE													
<b>Musculoskeletal System</b>													
NONE													
<b>Nervous System</b>													
NONE													
<b>Respiratory System</b>													
NONE													
<b>Special Senses System</b>													
NONE													
<b>Urinary System</b>													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	12
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	12
<b>SYSTEMIC LESIONS</b>													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	12

\* ..Total animals with tissue examined microscopically; Total animals with tumor  
+ ..Tissue examined microscopically  
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Table with columns for DAY ON TEST and ANIMAL ID, and rows for TRAMP Mouse Male NAC 125MG/KG. The table contains numerical data for each animal across 30 days.

Alimentary System

Liver +

Cardiovascular System

NONE

Endocrine System

Pituitary Gland + + M M + + + + M + + M M + + + + + M + + M + M + + + + + M +

General Body System

NONE

Genital System

Epididymis +
Prostate, Anterior Lobe +
Carcinoma X
Prostate, Dorsal Lobe + + + + + + M + + A M + + + + + + + + + + + + + + + + +
Prostate, Lateral Lobe + + + M + + + + + + A M + + + + + + + + + + + + + + M + + +
Prostate, Ventral Lobe + M + M + + + + + M A M + + + + + + + M + + M + + + + + + + +
Carcinoma X X X
Seminal Vesicle +
Testes +

Hematopoietic System

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Lab: ILS

DAY ON TEST	ANIMAL ID																												
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRAMP Mouse Male	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAC 125MG/KG	3	8	5	8	8	8	8	8	5	3	8	5	3	8	8	8	8	8	8	5	8	3	5	5	3	8	8	8	8
	2	9	8	6	5	7	5	8	8	0	5	7	2	7	9	6	9	6	7	8	7	9	3	7	8	3	5	8	3
Lymph Node	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spleen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Integumentary System	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Skin	9	9	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
Musculoskeletal System	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4	5	6	7	8	9	0	1	2	3	4
Nervous System																													
Respiratory System																													
Special Senses System																													
Urinary System																													
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	M	+	+	+	M	+	+	+	M	+
SYSTEMIC LESIONS																													
Multiple Organ	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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		DAY ON TEST	
<b>TRAMP Mouse Male</b>	<b>NAC 125MG/KG</b>	0	
		0	
		3	
		2	
		2	
		ANIMAL ID	
		0	
		0	
		1	
		2	
		8	<b>*TOTALS</b>

**Alimentary System**

Liver + 32

**Cardiovascular System**

NONE

**Endocrine System**

Pituitary Gland + 23

**General Body System**

NONE

**Genital System**

Epididymis + 32

Prostate, Anterior Lobe + 32

Carcinoma 1

Prostate, Dorsal Lobe + 29

Prostate, Lateral Lobe + 28

Prostate, Ventral Lobe + 25

Carcinoma 3

Seminal Vesicle + 32

Testes + 32

**Hematopoietic System**

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**TRAMP Mouse Male**  
**NAC 125MG/KG**

	DAY ON TEST	ANIMAL ID	
	0	0	
	0	0	
	3	1	
	2	2	
		8	<b>*TOTALS</b>
Lymph Node			2
Spleen	+		31
<b>Integumentary System</b>			
Skin			1
<b>Musculoskeletal System</b>			
NONE			
<b>Nervous System</b>			
NONE			
<b>Respiratory System</b>			
NONE			
<b>Special Senses System</b>			
NONE			
<b>Urinary System</b>			
Kidney	+		32
Urinary Bladder	+		28
<b>SYSTEMIC LESIONS</b>			
Multiple Organ	+		32

\*\*\*END OF MALE DATA\*\*\*

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

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