

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**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

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 149	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 86
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 149

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Liver	Prostate, Anterior Lobe	Prostate, Dorsal Lobe
Prostate, Ventral Lobe	Seminal Vesicle	Spleen	Testes
Urinary Bladder			

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**MISSING**

Epididymis	Pituitary Gland	Prostate, Lateral Lobe	
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 150	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 86
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 150

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Prostate, Anterior Lobe	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

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**MISSING**

Pituitary Gland

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**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 151

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** VEHICLE CONTROL

**DISP:** Scheduled Sacrifice

**HISTO:** 151

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**MISSING**

Pituitary Gland

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 152

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 88

**DOSE:** VEHICLE CONTROL

**DISP:** Scheduled Sacrifice

**HISTO:** 152

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**MISSING**

Pituitary Gland

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 153	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 153

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 154	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 57
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 154

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Pituitary Gland	Prostate, Anterior Lobe	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes			

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**MISSING**

Epididymis	Urinary Bladder		
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**OBSERVATIONS**

Liver		Necrosis	Focal, Minimal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 155	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 155

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Liver	Pituitary Gland	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

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**OBSERVATIONS**

Kidney	Renal Tubule	Casts Protein	Minimal
Prostate, Anterior Lobe		Hyperplasia	Grade 2, Focal

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

**ANIMAL ID:** 156

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 86

**DOSE:** VEHICLE CONTROL

**DISP:** Scheduled Sacrifice

**HISTO:** 156

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Anterior Lobe	Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe
Seminal Vesicle	Spleen	Testes	Urinary Bladder

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

**ANIMAL ID:** 157

**TRT#:** 1

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** VEHICLE CONTROL

**DISP:** Scheduled Sacrifice

**HISTO:** 157

**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Ventral Lobe	Hyperplasia	Grade 1, Focal

Note: ASSOCIATED WITH INTRALUMINAL SECRETION PLUG

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 158	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 158

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 159	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 58
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 159

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 160	<b>TRT#:</b> 1	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 88
	<b>DOSE:</b> VEHICLE CONTROL	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 160

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Anterior Lobe	Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe
Seminal Vesicle	Spleen	Testes	Urinary Bladder

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 225	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 8
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Other	<b>HISTO:</b> 225

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Prostate, Anterior Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes			

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**MISSING**

Pituitary Gland	Prostate, Dorsal Lobe	Urinary Bladder	
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PRIMARY CAUSE OF DEATH -

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Animal Note: AUTOLYSIS PRESENT.

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 226	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 88
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 226

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Kidney	Liver	Pituitary Gland	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

---

**MISSING**

Prostate, Lateral Lobe	Prostate, Ventral Lobe
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**OBSERVATIONS**

Epididymis	Granuloma Sperm	Marked
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
Prostate, Dorsal Lobe	Hyperplasia	Grade 1, Focal

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 227	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 87
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 227

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

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**MISSING**

Prostate, Ventral Lobe

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**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 228	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 32
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 228

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 229	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 229

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Pituitary Gland	Prostate, Anterior Lobe	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

---

**OBSERVATIONS**

Kidney	Medulla, Renal Tubule	Dilatation	Focal, Minimal
Liver		Inflammation	Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 230	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 11
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Other	<b>HISTO:</b> 230

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Seminal Vesicle	Spleen	Testes
Urinary Bladder			

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**MISSING**

Pituitary Gland	Prostate, Lateral Lobe	Prostate, Ventral Lobe
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PRIMARY CAUSE OF DEATH -

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Animal Note: AUTOLYSIS PRESENT.

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 231	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 33
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 231

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Eye	Kidney	Pituitary Gland
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

---

**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

**ANIMAL ID:** 232

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 88

**DOSE:** NAC 125MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 232

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

---

**MISSING**

Pituitary Gland

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PRIMARY CAUSE OF DEATH

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 233	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 87
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 233

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Anterior Lobe	Prostate, Dorsal Lobe	Seminal Vesicle	Testes
Urinary Bladder			

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**MISSING**

Prostate, Lateral Lobe	Prostate, Ventral Lobe	Spleen	
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PRIMARY CAUSE OF DEATH -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 234	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 32
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 234

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

---

**MISSING**

Pituitary Gland

---

**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
Prostate, Dorsal Lobe	Hyperplasia	Grade 1, Focal
Prostate, Lateral Lobe	Inflammation	Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 235	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 88
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 235

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Dorsal Lobe
Seminal Vesicle	Testes	Urinary Bladder	

---

**MISSING**

Prostate, Lateral Lobe	Prostate, Ventral Lobe	Spleen	
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**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 236	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 89
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 236

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

---

**MISSING**

Prostate, Ventral Lobe

---

**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
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**PRIMARY CAUSE OF DEATH**

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-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 237	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 86
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 237

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Pituitary Gland	Prostate, Dorsal Lobe	Prostate, Lateral Lobe
Prostate, Ventral Lobe	Seminal Vesicle	Spleen	Testes
Urinary Bladder			

---

**OBSERVATIONS**

Kidney	Hydronephrosis	Moderate
Liver	Tension Lipidosis	Mild
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

**ANIMAL ID:** 238

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 32

**DOSE:** NAC 125MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 238

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Eye	Kidney	Liver
Lymph Node	Prostate, Anterior Lobe	Prostate, Dorsal Lobe	Prostate, Lateral Lobe
Prostate, Ventral Lobe	Seminal Vesicle	Skin	Spleen
Testes	Urinary Bladder		

---

**MISSING**

Pituitary Gland

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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 239	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 239

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Seminal Vesicle	Spleen	Testes
Urinary Bladder			

---

**MISSING**

Prostate, Ventral Lobe

---

**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 240	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 58
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 240

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes			

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**MISSING**

Pituitary Gland	Urinary Bladder
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**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 241	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 86
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 241

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Pituitary Gland	Prostate, Dorsal Lobe	Prostate, Lateral Lobe
Seminal Vesicle	Spleen	Testes	Urinary Bladder

---

**MISSING**

Prostate, Ventral Lobe

---

**OBSERVATIONS**

Kidney	Hydronephrosis	Moderate
Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 242	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 57
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 242

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Prostate, Dorsal Lobe	Prostate, Lateral Lobe
Prostate, Ventral Lobe	Seminal Vesicle	Spleen	Testes
Urinary Bladder			

---

**MISSING**

Pituitary Gland

---

**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 243	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 87
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 243

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Seminal Vesicle	Spleen	Testes
Urinary Bladder			

---

**MISSING**

Prostate, Ventral Lobe

---

**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 244	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 89
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 244

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Lateral Lobe
Prostate, Ventral Lobe	Seminal Vesicle	Spleen	Testes
Urinary Bladder			

---

**OBSERVATIONS**

Liver	Inflammation	Focal, Minimal
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
Prostate, Dorsal Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 245	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 57
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 245

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Seminal Vesicle	Spleen	Urinary Bladder

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**MISSING**

Pituitary Gland	Prostate, Ventral Lobe
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**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal	
Testes	Seminif Tub	Atrophy	Minimal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 246	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 33
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 246

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

---

**MISSING**

Pituitary Gland

---

**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 247	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 58
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 247

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen			

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**MISSING**

Testes	Urinary Bladder		
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**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal	
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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 248	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 33
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 248

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Anterior Lobe	Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe
Seminal Vesicle	Spleen	Testes	Urinary Bladder

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 249	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 89
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 249

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Urinary Bladder			

---

**OBSERVATIONS**

Liver		Inflammation	Focal, Minimal
Prostate, Anterior Lobe		Hyperplasia	Grade 1, Focal
Testes	Germinal Epith	Vacuolization Cytoplasmic	Focal, Minimal

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 250	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 250

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**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

---

**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
Testes		
Note: One testes missing.		

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**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 251	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 86
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 251

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Anterior Lobe	Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe
Seminal Vesicle	Spleen	Testes	Urinary Bladder

---

PRIMARY CAUSE OF DEATH

-

---

\* PROTOCOL REQUIRED TISSUE



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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 252	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 86
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 252

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle	Spleen
Testes	Urinary Bladder		

---

**OBSERVATIONS**

Liver	Tension Lipidosis	Mild
Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal

---

**PRIMARY CAUSE OF DEATH** -

---

\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

---

<b>ANIMAL ID:</b> 253	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 58
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 253

---

**ORGAN AND ACCOUNTABLE SITE STATUS**

---

**NORMAL**

Epididymis	Kidney	Liver	Prostate, Dorsal Lobe
Seminal Vesicle	Spleen	Testes	Urinary Bladder

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**MISSING**

Pituitary Gland	Prostate, Lateral Lobe	Prostate, Ventral Lobe
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**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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**ANIMAL ID:** 254

**TRT#:** 2

**SEX:** Male

**DAY ON TEST:** 57

**DOSE:** NAC 125MG/KG

**DISP:** Scheduled Sacrifice

**HISTO:** 254

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Prostate, Anterior Lobe
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**MISSING**

Pituitary Gland

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PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 255	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 88
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 255

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**ORGAN AND ACCOUNTABLE SITE STATUS**

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**NORMAL**

Epididymis	Kidney	Liver	Pituitary Gland
Prostate, Dorsal Lobe	Prostate, Lateral Lobe	Prostate, Ventral Lobe	Seminal Vesicle
Spleen	Testes	Urinary Bladder	

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**OBSERVATIONS**

Prostate, Anterior Lobe	Hyperplasia	Grade 1, Focal
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**PRIMARY CAUSE OF DEATH** -

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\* PROTOCOL REQUIRED TISSUE

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

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** Antioxidant model (TRAMP) - N-acetylcysteine  
**CAS Number:** 616-91-1

**Date Report Requested:** 10/17/2014  
**Time Report Requested:** 16:14:05  
**First Dose M/F:** NA / NA  
**Lab:** ILS

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<b>ANIMAL ID:</b> 256	<b>TRT#:</b> 2	<b>SEX:</b> Male	<b>DAY ON TEST:</b> 85
	<b>DOSE:</b> NAC 125MG/KG	<b>DISP:</b> Scheduled Sacrifice	<b>HISTO:</b> 256

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**ORGAN AND ACCOUNTABLE SITE STATUS**

**NORMAL**

Epididymis	Kidney	Pituitary Gland	Prostate, Dorsal Lobe
Prostate, Lateral Lobe	Seminal Vesicle	Spleen	Urinary Bladder

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**MISSING**

Prostate, Ventral Lobe

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**OBSERVATIONS**

Liver		Inflammation	Focal, Minimal
Prostate, Anterior Lobe		Hyperplasia	Grade 1, Focal
Testes	Seminif Tub	Atrophy	Minimal

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PRIMARY CAUSE OF DEATH

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