

**Experiment Number:** 93026-03  
**Test Type:** 14-DAY  
**Species/Strain:** Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Decalin  
**CAS Number:** 91-17-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 16:14:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

**C Number:** C93026  
**Lock Date:** 10/29/1996  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Male  
**PWG Approval Date** NONE

Experiment Number: 93026-03  
 Test Type: 14-DAY  
 Species/Strain: Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Decalin  
 CAS Number: 91-17-8

Date Report Requested: 10/19/2014  
 Time Report Requested: 16:14:51  
 First Dose M/F: NA / NA  
 Lab: BNW

<b>NCI BLK RTR Rat Male CONTROL</b>	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	0	0	0	0	1		
	6	7	8	9	0	<b>*TOTALS</b>	

**Alimentary System**

Liver + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03

Test Type: 14-DAY

Species/Strain: Rat/NCI BLK RTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:14:51

First Dose M/F: NA / NA

Lab: BNW

NCI BLK RTR Rat Male CONTROL	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
	ANIMAL ID	0	0	0	0	0	
	0	0	0	0	0		
	0	0	0	0	0		
	0	0	0	0	1		
	6	7	8	9	0	*TOTALS	

Respiratory System

Lung	+	+	+	+	+	5	
Alveolus, Fibrosis, Focal					1		1 1.0
Alveolus, Infiltration Cellular, Histiocyte	1				2		2 1.5
Nose	+	+	+	+	+	5	

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	5	
--------	---	---	---	---	---	---	--

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03

Test Type: 14-DAY

Species/Strain: Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:14:51

First Dose M/F: NA / NA

Lab: BNW

DAY ON TEST

**NCI BLK RTR Rat Male  
25 PPM**

ANIMAL ID

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03  
Test Type: 14-DAY  
Species/Strain: Rat/NCI BLK RTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
Test Compound: Decalin  
CAS Number: 91-17-8

Date Report Requested: 10/19/2014  
Time Report Requested: 16:14:51  
First Dose M/F: NA / NA  
Lab: BNW

DAY ON TEST

NCI BLK RTR Rat Male  
25 PPM

ANIMAL ID

\*TOTALS

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

**Experiment Number:** 93026-03  
**Test Type:** 14-DAY  
**Species/Strain:** Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Decalin  
**CAS Number:** 91-17-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 16:14:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

DAY ON TEST

**NCI BLK RTR Rat Male**  
**50 PPM**

ANIMAL ID

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03  
Test Type: 14-DAY  
Species/Strain: Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: Decalin  
CAS Number: 91-17-8

Date Report Requested: 10/19/2014  
Time Report Requested: 16:14:51  
First Dose M/F: NA / NA  
Lab: BNW

DAY ON TEST

**NCI BLK RTR Rat Male**  
**50 PPM**

ANIMAL ID

\*TOTALS

---

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03

Test Type: 14-DAY

Species/Strain: Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:14:51

First Dose M/F: NA / NA

Lab: BNW

DAY ON TEST

**NCI BLK RTR Rat Male  
100 PPM**

ANIMAL ID

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 93026-03  
Test Type: 14-DAY  
Species/Strain: Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

Test Compound: Decalin  
CAS Number: 91-17-8

Date Report Requested: 10/19/2014  
Time Report Requested: 16:14:51  
First Dose M/F: NA / NA  
Lab: BNW

DAY ON TEST

**NCI BLK RTR Rat Male**  
**100 PPM**

ANIMAL ID

\*TOTALS

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03  
Test Type: 14-DAY  
Species/Strain: Rat/NCI BLK RTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
Test Compound: Decalin  
CAS Number: 91-17-8

Date Report Requested: 10/19/2014  
Time Report Requested: 16:14:51  
First Dose M/F: NA / NA  
Lab: BNW

DAY ON TEST

NCI BLK RTR Rat Male  
200 PPM

ANIMAL ID

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03  
Test Type: 14-DAY  
Species/Strain: Rat/NCI BLK RTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
Test Compound: Decalin  
CAS Number: 91-17-8

Date Report Requested: 10/19/2014  
Time Report Requested: 16:14:51  
First Dose M/F: NA / NA  
Lab: BNW

DAY ON TEST

NCI BLK RTR Rat Male  
200 PPM

ANIMAL ID

\*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03

Test Type: 14-DAY

Species/Strain: Rat/NCI BLK RTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Decalin

CAS Number: 91-17-8

Date Report Requested: 10/19/2014

Time Report Requested: 16:14:51

First Dose M/F: NA / NA

Lab: BNW

<b>NCI BLK RTR Rat Male 400 PPM</b>	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
	ANIMAL ID	0	0	0	0	0	
	1	1	1	1	1		
	0	0	0	0	0		
	0	0	0	0	1		
	6	7	8	9	0	<b>*TOTALS</b>	

**Alimentary System**

Liver + + + + + 5

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 93026-03  
 Test Type: 14-DAY  
 Species/Strain: Rat/NCI BLK RTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: Decalin  
 CAS Number: 91-17-8

Date Report Requested: 10/19/2014  
 Time Report Requested: 16:14:51  
 First Dose M/F: NA / NA  
 Lab: BNW

NCI BLK RTR Rat Male 400 PPM	DAY ON TEST	0	0	0	0	0	
		0	0	0	0	0	
		1	1	1	1	1	
		7	7	7	7	7	
	ANIMAL ID	0	0	0	0	0	
	1	1	1	1	1		
	0	0	0	0	0		
	0	0	0	0	0		
	6	7	8	9	0	*TOTALS	

**Respiratory System**

Lung	+	+	+	+	+	5
Nose	+	+	+	+	+	5

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	5
--------	---	---	---	---	---	---

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

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

**Experiment Number:** 93026-03  
**Test Type:** 14-DAY  
**Species/Strain:** Rat/NCI BLK RTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Decalin  
**CAS Number:** 91-17-8

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 16:14:51  
**First Dose M/F:** NA / NA  
**Lab:** BNW

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

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked