Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL Test Type: INIT/PROMOT **Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) **Route: SKIN APPLICATION** Species/Strain: Mouse/SENCAR C61994C C Number: Lock Date: Not Entered. **Cage Range:** ΑII **Date Range:** ΑII **Reasons For Removal:** ΑII **Removal Date Range:** ΑII

ΑII

Both

04/27/1994

Treatment Groups:

PWG Approval Date

Study Gender:

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:19

First Dose M/F: NA / NA

Lab: BAT

CAS Number: INIT/PROM

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT Route: SKIN APPLICATION

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:19 First Dose M/F: NA / NA

Lab: BAT

SENCAR 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	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	0	6	6	6	6	6	6	6	6	6
	2	2	2	2	2	2	2	5	3	3	3	3	3	3	3	4	4	4	4	4	2	4	4	5	5	5	5	5	5	5
V VIIVA VI 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
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	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	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	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

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

X ..Lesion present

I .. Insufficient tissue

Skin, Control +

Inflammation, Chronic Active

BLANK .. Not examined microscopically

Skin, SOA-No Mass

Acanthosis 2

Inflammation, Chronic Active

+ ..Tissue examined microscopically M ..Missing tissue

A ..Autolysis precludes evaluation

reis precludes evaluation 1) Minimal 3) Moder

1) Minimal 3) Moderate

2) Mild 4) Marked

1-4 ..Lesion qualified as:

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:19

First Dose M/F: NA / NA

Lab: BAT

SENCAR 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	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	0	6	6	6	6	6	6	6	6	6
	2	2	2	2	2	2	2	5	3	3	3	3	3	3	3	4	4	4	4	4	2	4	4	5	5	5	5	5	5	5
A N I I A A A A A A I A A A A A A A A A	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
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	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	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3
	1	2	3	4	5	6	7	l a	g	Ω	1	2	3	4	5	6	7	l a l	9	Ω	1 1	2	3	4	5	6	7	l a l	g	0

Ulcer

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:19

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male VEHICLE CONTROL

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	28		
Skin, Control	1		
Inflammation, Chronic Active		1	1.0
Skin, SOA-No Mass	1		
Acanthosis		1	2.0
Inflammation, Chronic Active		1	3.0
Ulcer		1	4.0

+ ..Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:19

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male VEHICLE CONTROL

ANIMAL ID

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present
I ..Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CAS Number: INIT/PROM

Test Type: INIT/PROMOT **Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

First Dose M/F: NA / NA

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:19

Lab: BAT

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

SENCAR Mouse Male DMBA0.25/ACETONE

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	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3
	6	6	6	6	6	6	6	6	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	6	6	6	6	6
	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	7	5	5	5	5	5
A N II N A A I . I D	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
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	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

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+ + +	+ + + + +	+ + + + + + + +	+ + + + + + + +	+ +
Inflammation, Chronic Active			4		
Ulcer			4		
Skin, SOA-No Mass	+		+ +	+	+
Acanthosis	1		1	1	1
Inflammation, Chronic Active	4		1		

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X .. Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT Route: SKIN APPLICATION

CAS Number: INIT/PROM

Time Report Requested: 07:42:20

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA0.25/ACETONE

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	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	
	6	6	6	6	6	6	6	6	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	6	6	6	6	6	
	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	7	5	5	5	5	5	
V V I I V V V V V V V V V V V V V V V V	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	
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	
	1	2	3	4	5	6	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	

Ulcer 4

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA0.25/ACETONE

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	25		
Inflammation, Chronic Active		1	4.0
Ulcer		1	4.0
Skin, SOA-No Mass	5		
Acanthosis		4	1.0
Inflammation, Chronic Active		2	2.5
Ulcer		1	4.0

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA0.25/ACETONE

ANIMAL ID

*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT **Route:** SKIN APPLICATION

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA 2.5/ACETONE

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	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3
	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6
	2	2	2	2	2	2	2	3	3	3	3	3	0	3	3	4	4	4	4	4	4	4	5	5	5	5	5	0	5
VIIIVIVI 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
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	4	5	6	7	8	9	0

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present
I ..Insufficient tissue

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: INIT/PROMOT **Route: SKIN APPLICATION**

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

1

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Mouse/SENCAR

SENCAR Mouse Male DMBA 2.5/ACETONE

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	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3
,	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6
	2	2	2	2	2	2	2	3	3	3	3	3	0	3	3	4	4	4	4	4	4	4	5	5	5	5	5	0	5
ANIIMAI 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
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	9
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	4	5	6	7	8	9	0

1

Inflammation, Chronic Active

Skin, SOA-No Mass

Acanthosis

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion present I .. Insufficient tissue

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ACETONE

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	28		
Acanthosis		1	3.0
Inflammation, Chronic Active		1	4.0
Ulcer, Multiple		1	4.0
Skin, Control	2		
Acanthosis		2	1.0
Inflammation, Chronic Active		1	1.0

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ACETONE

ANIMAL ID

Skin, SOA-No Mass 1
Acanthosis 1 1.0

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

DAY O

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: INIT/PROMOT Route: SKIN APPLICATION

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA 25/ACETONE

AY 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	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6	
	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	8	5	5	5	5	2	
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ANIIVIAL 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	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	5	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	7	

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

X .. Lesion present

I .. Insufficient tissue

Integumentary System

Acanthosis 3

Inflammation, Chronic Active

Ulcer 4

Skin, SOA-No Mass +

Acanthosis

+ ..Tissue examined microscopically M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT **Route: SKIN APPLICATION**

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA 25/ACETONE

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	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6	6	6	6	6
	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	8	5	5	5	5	2
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
AMIMAL 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	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	2	5
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	7

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ACETONE

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Musculoskeletal System

Skin	30		
Acanthosis		1	3.0
Inflammation, Chronic Active		1	4.0
Ulcer		1	4.0
Skin, SOA-No Mass	1		
Acanthosis		1	1.0

+ ..Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild 4) Marked

I ..Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:20

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ACETONE

ANIMAL ID

*TOTALS

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X .. Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:20

Test Type: INIT/PROMOT Route: SKIN APPLICATION

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) **CAS Number:** INIT/PROM

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Mouse/SENCAR

SENCAR Mouse Male
DMBA2.5/COMPLETE

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	0	0	0	0	0	0
	3	3	3	3	3	3	2	3	3	1	3	3	3	2	3	2	2	3	3	3	3	2	1	3	3	3	2	3	3	3
	1	2	0	6	2	6	9	6	4	9	6	1	0	5	6	6	8	5	6	6	6	9	4	6	5	6	0	4	6	1
	2	3	2	2	3	2	3	2	2	6	3	7	9	1	3	6	7	9	4	4	4	5	5	5	1	5	6	1	5	7
V VIIVAVI 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
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
	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	1	1	1	1
	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	+
Acanthosis		3	3	2		2
Hair Follicle, Cyst		X				
Inflammation, Chronic Active		4	4	4		4
Ulcer				4		4
Ulcer, Multiple		4	4			

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I ..Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

1

First Dose M/F: NA / NA

Lab: BAT

3

4

SENCAR Mouse Male DMBA2.5/COMPLETE	DAY ON TEST ANIMAL ID	0 3 1 2 0 0 1 2 1	0 3 2 3 0 0 1 2 2	0 3 0 2 0 0 0 1 2 3	0 3 6 2 0 0 1 2 4	0 3 2 3 0 0 1 2 5	0 3 6 2 0 0 1 2 6	0 2 9 3 0 0 1 2 7	0 3 6 2 0 0 1 2 8	0 3 4 2 0 0 1 2 9	0 1 9 6 0 0 1 3 0	0 3 6 3 0 0 1 3 1	0 3 1 7 0 0 1 3 2	0 3 0 9 0 0 1 3 3	0 2 5 1 0 0 1 3 4	0 3 6 3 0 0 1 3 5	0 2 6 6 0 0 1 3 6	0 2 8 7 0 0 1 3 7	0 3 5 9 0 0 1 3 8	0 3 6 4 0 0 1 3 9	0 3 6 4 0 0 1 4 0	0 3 6 4 0 0 1 4 1	0 2 9 5 0 0 1 4 2	0 1 4 5 0 0 1 4 3	0 3 6 5 0 0 1 4 4	0 3 5 1 0 0 1 4 5	0 3 6 5 0 0 1 4 6	0 2 0 6 0 0 1 4 7	0 3 4 1 0 0 1 4 8	0 3 6 5 0 0 1 4 9	0 3 1 7 0 0 0 1 5
Skin, Control			+				+				+						+	+		+						+				+	+
Acanthosis							1				1						1	1								1				2	1
Inflammation, Chronic Active	Э		1														2			1											
Skin, SOA-Mass		+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+		+	+	+
Acanthosis																					2										
Skin, SOA-No Mass			+	+		+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+		+	+	+			+		+
Acanthosis			2	2		1	2	3	4	2	3	3	1	1	1	2	1		1	2	1	4		1	4	2			3		1

Musculoskeletal System

Ulcer, Multiple

Inflammation, Chronic Active

NONE

Ulcer

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

2

M .. Missing tissue

1-4 ..Lesion qualified as:

1 3

4

X ..Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

1) Minimal 3) Moderate 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA2.5/COMPLETE

Species/Strain: Mouse/SENCAR

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	6		
Acanthosis		4	2.5
Hair Follicle, Cyst		1	
Inflammation, Chronic Active		4	4.0
Ulcer		2	4.0
Ulcer, Multiple		2	4.0
Skin, Control	9		

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X .. Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1) Minimal 3) Moderate 4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA2.5/COMPLETE

Species/Strain: Mouse/SENCAR

ANIMAL ID

	*TC	<u>ATC</u>	<u>LS</u>
Acanthosis		7	1.1
Inflammation, Chronic Active		3	1.3
Skin, SOA-Mass	27		
Acanthosis		1	2.0
Skin, SOA-No Mass	23		
Acanthosis		23	2.0
Inflammation, Chronic Active		18	2.3
Ulcer		4	4.0
Ulcer, Multiple		2	4.0

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

1-4 ..Lesion qualified as:

4) Marked

I ..Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male BPO 20/ COMPLETE

DAY ON TEST	0	0 2	0 3	0	0	0	0 2	0	0	0	0	0 3	0	0	0	0	0	0	0 2	0	0	0	0	0	0	0	0	0	0	0
•	6 2	1 7	6 2	3	6 2	6 2	1 8	6 2	6 2	6 3	6 3	6 3	6 3	6 3	6 3	6 4	6 4	6 4	9 7	2 7	3	6 4	6 4	6 4	8	6 5	6 5	6 5	6 5	6 5
ANIMAL ID	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 1	0 0 2	000	0 0 2	0 0 2	0 0 2	000	0 0 2	0 0 2	0 0 2	0 0 2	0 0 2
	8 1	8	8	8	8 5	8 6	8 7	8	8 9	9	9	9	9	9	9 5	9	9	9	9	0	0	0	0	0 4	0 5	0 6	0 7	0 8	0 9	1 0

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin		+														+			+	
Acanthosis		3														4			3	
Inflammation, Chronic Active		3														4			4	
Ulcer		4														4			4	
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acanthosis	2	1	1	1	2	1	1	1	1	1	1	1	1	1		3	1	1	2	1

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X .. Lesion present

A .. Autolysis precludes evaluation

2) Mild

1) Minimal 3) Moderate 4) Marked

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male
BPO 20/ COMPLETE

SENCAR Mouse Male BPO 20/ COMPLETE	ANIMAL ID	0 3 6 2 0 0 1 8	0 2 1 7 0 0 1 8	0 3 6 2 0 0 1 8	0 1 3 9 0 0 1 8	0 3 6 2 0 0 1 8	0 3 6 2 0 0 1 8	0 2 1 8 0 0 1 8	0 3 6 2 0 0 1 8 8	0 3 6 2 0 0 1 8	0 3 6 3 0 0 1 9	0 3 6 3 0 0 1 9	0 3 6 3 0 0 1 9	0 3 6 3 0 0 1 9	0 3 6 3 0 0 1 9 1	0 3 6 3 0 0 1 9 5	0 3 6 4 0 0 1 9	0 3 6 4 0 0 1 9	0 3 6 4 0 0 1 9 8	0 2 9 7 0 0 1 9	0 0 2 7 0 0 0 2 0	0 1 3 8 0 0 2 0	0 3 6 4 0 0 2 0	0 3 6 4 0 0 2 0 3	0 3 6 4 0 0 2 0 4	0 8 4 0 0 2 0 5	0 3 6 5 0 0 2	0 3 6 5 0 0 2 0	0 3 6 5 0 0 2 0	0 3 6 5 0 0 2 0 9	0 3 6 5 0 0 2 1	
Inflammation, Chronic Active		2	1		1			'		2		2	1	1	1	1	1	1	1	_ 3 _	2	1	1					,	0			
Skin, SOA-No Mass		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acanthosis		2	3	2	2	1	1	2	1	2	2	2	2	1	3	2	2	2	2	1	2	3	1	2	2	2	2	2	1	2	2	
Inflammation, Chronic Active	е	2	2	2	2	1	1	2	1	2	2	2	2	1	2	2	2	2	1	1	2	3	1	2	1	2		1	1	1	1	

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

2) Mild

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male BPO 20/ COMPLETE

Species/Strain: Mouse/SENCAR

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	3		
Acanthosis		3	3.3
Inflammation, Chronic Active		3	3.7
Ulcer		3	4.0
Skin, Control	20		
Acanthosis		19	1.3
Inflammation, Chronic Active		15	1.3

+ ..Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male BPO 20/ COMPLETE

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

	*TOTALS
Skin, SOA-No Mass	30
Acanthosis	30 1.9
Inflammation, Chronic Active	29 1.6

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA0.25/ TPA 5

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA0.25/ TPA 5

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ TPA 5

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/TPA 5

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ TPA 5

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

Page 30

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ TPA 5

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION CAS Number: INIT/PROM

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Mal	е
DMBA 2.5/ BPO 20	

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	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	0	3
,	4	6	6	6	6	6	6	6	6	0	4	5	6	6	6	1	6	6	9	6	6	6	6	6	6	6	6	6	5	6
	2	2	2	2	2	2	2	3	3	9	5	2	3	3	4	7	4	4	3	4	4	4	5	5	5	5	5	5	6	5
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
AMIMAL 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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	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	2	2	2	3
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin		+											+		
Acanthosis		3											3		
Inflammation, Chronic Active		3											4		
Ulcer		4													
Ulcer, Multiple													4		
Skin, Control	+	+	+	+	+	+	+ .	+ -	+ +	+	+	+	+	+	+

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: INIT/PROMOT

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:21

First Dose M/F: NA / NA Lab: BAT

SENCAR Mouse Male
DMBA 2.5/ BPO 20

SENCAR Mouse Male DMBA 2.5/ BPO 20	ANIMAL ID	0 3 4 2 0 0 3 0 1	0 3 6 2 0 0 3 0 2	0 3 6 2 0 0 3 0 3	0 3 6 2 0 0 3 0 4	0 3 6 2 0 0 3 0 5	0 3 6 2 0 0 3 0 6	0 3 6 2 0 0 3 0 7	0 3 6 3 0 0 3 0 8	0 3 6 3 0 0 3 0 9	0 0 0 3 1 0	0 3 4 5 0 0 3 1	0 3 5 2 0 0 3 1	0 3 6 3 0 0 3 1	0 3 6 3 0 0 3 1 4	0 3 6 4 0 0 3 1 5	0 3 1 7 0 0 3 1 6	0 3 6 4 0 0 3 1 7	0 3 6 4 0 0 3 1 8	0 2 9 3 0 0 3 1	0 3 6 4 0 0 3 2 0	0 3 6 4 0 0 3 2 1	0 3 6 4 0 0 3 2 2	0 3 6 5 0 0 3 2 3	0 3 6 5 0 0 3 2 4	0 3 6 5 0 0 3 2 5	0 3 6 5 0 0 3 2 6	0 3 6 5 0 0 3 2 7	0 3 6 5 0 0 3 2 8	0 0 5 6 0 0 3 2 9	0 3 6 5 0 0 3 3	
Acanthosis			1						1			-	2			1	1	1	1	1					1	1		1	1			
Inflammation, Chronic Activ	е		1	1					1				2		1	1	2	1	1	1	1	1		1	1	1						
Skin, SOA-Mass		+	+	+	+		+				+	+	+	+	+				+	+			+	+	+	+	+	+	+			
Skin, SOA-No Mass		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acanthosis		1	1	1	3	2	1	2	1	1	4	1	2	2	1	1	2	2	2	2	2	2	3	1	4	3	1	2	1		1	
Inflammation, Chronic Activ Ulcer	e	1	1	1	3 4	2	2	2	2	1	4	1	2	1	1	1	2	2	1	2	2	2	2	2	4	3		1	1	1	1	

Musculoskeletal System

Ulcer, Multiple

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ BPO 20

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	2		
Acanthosis		2	3.0
Inflammation, Chronic Active		2	3.5
Ulcer		1	4.0
Ulcer, Multiple		1	4.0
Skin, Control	17		
Acanthosis		12	1.1

+ ..Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 2.5/ BPO 20

ANIMAL ID

	*TOTA	\LS_
Inflammation, Chronic Active	15	1.1
Skin, SOA-Mass	19	
Skin, SOA-No Mass	30	
Acanthosis	29	1.8
Inflammation, Chronic Active	29	1.8
Ulcer	1	4.0
Ulcer, Multiple	2	4.0

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

1-4 ..Lesion qualified as:

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT **Route:** SKIN APPLICATION

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:21

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA 25/ BPO 20

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	0	0	0	0	0	0
	3	3	3	3	2	1	3	2	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	3	2	3	3	3	3	3
	0	0	6	6	5	7	6	1	6	5	4	6	6	6	6	8	5	6	6	0	6	3	6	6	9	6	5	6	6	6
	9	2	2	2	0	4	2	7	2	2	1	3	3	3	3	2	1	3	4	2	4	4	4	4	9	4	9	5	5	5
V VIIVAVI 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
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
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6
	1	2	3	4	5	6	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

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+ +	+	+	+
Acanthosis	3	3		3	3	4	3
Inflammation, Chronic Active	4	3	4	4	4	4	4
Ulcer	4	4	4	4			
Ulcer, Multiple					4	4	4
Skin, Control	+	+ + +	+ + +	+	+ + +	+ + +	+ + + + + +

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

4) Marked

I ..Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: INIT/PROMOT Test Com

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:22 First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Male DMBA 25/ BPO 20	DAY ON TEST	0 3 0 9 0 0 0 3 3 1	0 3 0 2 0 0 0 3 3 2	0 3 6 2 0 0 3 3 3	0 3 6 2 0 0 3 3 4	0 2 5 0 0 0 3 3 5	0 1 7 4 0 0 3 3 6	0 3 6 2 0 0 3 3 7	0 2 1 7 0 0 3 3 8	0 3 6 2 0 0 3 3 9	0 3 5 2 0 0 0 3 4 0	0 3 4 1 0 0 3 4 1	0 3 6 3 0 0 3 4 2	0 3 6 3 0 0 3 4 3	0 3 6 3 0 0 3 4 4	0 3 6 3 0 0 3 4 5	0 2 8 2 0 0 0 3 4 6	0 2 5 1 0 0 3 4 7	0 3 6 3 0 0 3 4 8	0 3 6 4 0 0 3 4 9	0 3 0 2 0 0 3 5 0	0 3 6 4 0 0 3 5 1	0 3 3 4 0 0 3 5 2	0 3 6 4 0 0 3 5 3	0 3 6 4 0 0 3 5 4	0 2 9 9 0 0 3 5 5	0 3 6 4 0 0 3 5 6	0 3 5 9 0 0 3 5 7	0 3 6 5 0 0 3 5 8	0 3 6 5 0 0 3 5 9	0 3 6 5 0 0 3 6 0
Acanthosis			1								2	1					1	2	1		1			1		1	1	1			1
Inflammation, Chronic Active			1		1	1	1			1	2	1		1			1		1		1	3		1		1	1	1	1	2	1
Skin, SOA-Mass		+				+			+	+		+	+	+	+	+		+	+	+	+			+	+	+	+		+	+	
Cyst Epithelial Inclusion													Χ																		
Skin, SOA-No Mass		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+
Acanthosis		3	3	1	1	3	4	2		2	3	2	1	3	2	1	3	3	2		2	1	2	4	1	3	1	1	2	1	1
Hair Follicle, Cyst							Χ																								
Inflammation, Chronic Active		3	4	1	1	4	4	2		2	4	2	1	4	1	1	3	4	1		2	1	2	4	1	4	1	1	2	1	1
Ulcer		4									4							4													
Ulcer, Multiple							4							4										4		4					

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ BPO 20

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	8		
Acanthosis		6	3.2
Inflammation, Chronic Active		7	3.9
Ulcer		4	4.0
Ulcer, Multiple		3	4.0
Skin, Control	20		
Acanthosis		12	1.2

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male DMBA 25/ BPO 20

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

	*TC	<u> </u>	<u>LS</u>
Inflammation, Chronic Active		19	1.2
Skin, SOA-Mass	19		
Cyst Epithelial Inclusion		1	
Skin, SOA-No Mass	28		
Acanthosis		28	2.1
Hair Follicle, Cyst		1	
Inflammation, Chronic Active		28	2.2
Ulcer		3	4.0
Ulcer, Multiple		4	4.0

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

4) Marked

I ..Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male SENTINEL MALE

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Male SENTINEL MALE

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

END OF MALE DATA

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

I ..Insufficient tissue

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT **Route: SKIN APPLICATION**

VEHICLE CONTROL

CAS Number: INIT/PROM

Time Report Requested: 07:42:22

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Female

ANIMAL ID

DAY ON TEST 2 6 9 5 **2** 0 3 6 2 Õ 3 7 3 6 5 3 6 8 3 6 9 3 7 6 3 8 2 7 7 2 7 5 8 8 3 8 9 6 6 6 6 7 7 7 7 7 7 8 8 8 5 8 7

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Mammary Gland

Skin

Skin, SOA-No Mass

Inflammation, Chronic Active

Musculoskeletal System

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

X .. Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CAS Number: INIT/PROM

Test Type: INIT/PROMOT **Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG) Date Report Requested: 10/21/2014

Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

DAY ON TEST SENCAR Mouse Female VEHICLE CONTROL	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
	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	0	3	3
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	6	6	2	6	6
	2	2	2	2	2	2	2	9	3	3	3	3	3	3	3	4	4	4	4	4	4	5	5	5	8	5	5	2	5	5
ANIMAL ID	0 0 3 6 1	0 0 3 6 2	0 0 3 6 3	0 0 3 6 4	00365	0 0 3 6 6	0 0 3 6 7	0 0 3 6 8	0 0 3 6 9	0 0 3 7 0	0 0 3 7 1	0 0 3 7 2	0 0 3 7 3	0 0 3 7 4	0 0 3 7 5	0 0 3 7 6	0 0 3 7 7	0 0 3 7 8	0 0 3 7 9	0 0 3 8	0 0 3 8 1	0 0 3 8 2	0 0 3 8 3	0 0 3 8 4	0 0 3 8 5	0 0 3 8 6	0 0 3 8 7	0 0 3 8 8	0 0 3 8 9	0 0 3 9

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female VEHICLE CONTROL

Species/Strain: Mouse/SENCAR

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Mammary Gland 1
Skin 27
Skin, SOA-No Mass 2

Inflammation, Chronic Active 2 1.0

Musculoskeletal System

NONE

I .. Insufficient tissue

+ ..Tissue examined microscopically M ..Missing tissue
X ..Lesion present A ..Autolysis precludes evaluation

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female VEHICLE CONTROL

ANIMAL ID

*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: INIT/PROMOT **Test Compound:** Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM **Route: SKIN APPLICATION** Species/Strain: Mouse/SENCAR

First Dose M/F: NA / NA

Lab: BAT

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:22

DAY ON SENCAR Mouse Female DMBA0.25/ACETONE	TEST	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5	0 3 4 9	0 3 6 5	0 3 6 5	0 3 6 5
ANIM	AL ID	0 0 3 9	0 0 3 9 2	0 0 3 9 3	0 0 3 9 4	0 0 3 9 5	0 0 3 9 6	0 0 3 9 7	00398	0 0 3 9 9	0 0 4 0	0 0 4 0	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 5	0 0 4 0 6	0 0 4 0 7	0 0 4 0 8	0 0 4 0 9	0 0 4 1	0 0 4 1	0 0 4 1 2	0 0 4 1 3	0 0 4 1 4	0 0 4 1 5	0 0 4 1 6	0 0 4 1 7	0 0 4 1 8	0 0 4 1 9	0 0 4 2

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+
Skin, Control					+																+									
Inflammation, Chronic Active					1																1									
Skin, SOA-No Mass					+				+																					
Acanthosis					1				1																					
Inflammation, Chronic Active					1				1																					

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X .. Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT **Route: SKIN APPLICATION**

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Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST SENCAR Mouse Female DMBA0.25/ACETONE	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 2	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5	0 3 4 9	0 3 6 5	0 3 6 5	0 3 6 5	
ANIMAL ID	0 0 3 9 1	0 0 3 9 2	0 0 3 9 3	0 0 3 9 4	0 0 3 9 5	0 0 3 9 6	0 0 3 9 7	00398	0 0 3 9 9	0 0 4 0 0	0 0 4 0 1	0 0 4 0 2	0 0 4 0 3	0 0 4 0 4	0 0 4 0 5	0 0 4 0 6	0 0 4 0 7	0 0 4 0 8	0 0 4 0 9	0 0 4 1 0	0 0 4 1 1	0 0 4 1 2	0 0 4 1 3	0 0 4 1 4	0 0 4 1 5	0 0 4 1 6	0 0 4 1 7	0 0 4 1 8	0 0 4 1 9	0 0 4 2 0	

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/ACETONE

Experiment Number: 05117-03

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Musculoskeletal System

Skin	27		
Skin, Control	2		
Inflammation, Chronic Active		2	1.0
Skin, SOA-No Mass	2		
Acanthosis		2	1.0
Inflammation, Chronic Active		2	1.0

+ ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as: X ..Lesion present 1 ..Autolysis precludes evaluation 1) Minimal 3) Moderate

I ..Insufficient tissue BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:22

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/ACETONE

ANIMAL ID

*TOTALS

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A .. Autolysis precludes evaluation

X .. Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM **Route: SKIN APPLICATION**

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:22 First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Female DMBA 2.5/ACETONE	ON TEST	0 3 6 5	0 3 6 2	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 3	0 3 6 4	0 3 5 0	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 4	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5	0 3 6 5							
	NIMAL ID	0 0 0 8 3	0 0 4 2 1	0 0 4 2 2	0 0 4 2 3	0 0 4 2 4	0 0 4 2 5	0 0 4 2 6	0 0 4 2 7	0 0 4 2 8	0 0 4 2 9	0 0 4 3 0	0 0 4 3 1	0 0 4 3 2	0 0 4 3 3	0 0 4 3 4	00435	0 0 4 3 6	0 0 4 3 7	00438	00439	0 0 4 4 0	0 0 4 4 1	0 0 4 4 2	0 0 4 4 3	0 0 4 4 4	0 0 4 4 5	0 0 4 4 6	0 0 4 4 7	0 0 4 4 8	00449	0 0 4 5 0

Alimentary System

NONE

Cardiovascular System

Test Type: INIT/PROMOT

Species/Strain: Mouse/SENCAR

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+	+	+	+	+	+		+	+	+	+	+	+		+	+	+		+	+	+	+	+	+	+	+	+	+	
Skin, Control							+											+											
Acanthosis							1																						
Inflammation, Chronic Active							1											1											
Skin, SOA-No Mass	+				+		+							+															+
Acanthosis	1				3		1																						

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X .. Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT Route: SKIN APPLICATION

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

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	0	0	0	0	0	0	0
SENCAR Mouse Female	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	6	6
DMBA 2.5/ACETONE	5	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	4	0	4	4	4	4	4	5	5	5	5	5	5	5
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
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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	8	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5
	1 2	1 4			1 4	_		_	_			1 4			4	_		7	_			4			1 4	_					. ^

| \$\bar{3} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{0} \bar{1} \bar{2} \bar{3} \bar{4} \bar{5} \bar{6} \bar{7} \bar{8} \bar{9} \bar{0} \ba

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ACETONE

Experiment Number: 05117-03

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

I .. Insufficient tissue

Skin	25		
Skin, Control	2		
Acanthosis		1	1.0
Inflammation, Chronic Active		2	1.0
Skin, SOA-No Mass	5		
Acanthosis		3	1.7
Inflammation, Chronic Active		5	1.6

+ ..Tissue examined microscopically M ..Missing tissue

X ..Lesion present A ..Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ACETONE

ANIMAL ID

*TOTALS
1 4.0

Musculoskeletal System

NONE

Ulcer

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Type: INIT/PROMOT **Route:** SKIN APPLICATION

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Female DMBA 25/ACETONE

DAY ON TEST *5* ANIMAL ID Õ Õ Õ Õ Õ 5 1 5 5 5 9 7 0 7 3 6 8 5 7 8

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Musculoskeletal System

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X .. Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT **Route: SKIN APPLICATION**

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

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	0	0	0	0	0
SENCAR Mouse Female	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
DMBA 25/ACETONE	2	2	2	2	2	2	3	3	3	3	3	3	3	3	0 4	4	0	6 4	0 4	<i>6 4</i>	4	4	5	5	5	5	5	5	5
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
, (2 12	0 4	4	4	0 4	4	0 4	0 4	0 4	0	4	0 4	0 4	4	0 4	0 4	0	0 4	4	0 4	4	0 4	0	0 4	4	4	0 4	4	4	0
	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

X ..Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ACETONE

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin 26 Skin, SOA-No Mass 4

Acanthosis 3 1.0 Inflammation, Chronic Active 3 1.3

Musculoskeletal System

NONE

+ ..Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild 4) Marked

I ..Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ACETONE

ANIMAL ID

*TOTALS

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

I .. Insufficient tissue

A .. Autolysis precludes evaluation

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

2) Mild 4) Marked

BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM Route: SKIN APPLICATION

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TES	$T \mid \boldsymbol{\varrho}$	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
SENCAR Mouse Female	3	3	3	3	2	3	2	3	3	3	2	2	2	3	2	2	3	3	3	3	2	3	2	3	3	2	3	3	3	3
	1	6	1	6	6	4	5	6	6	6	5	9	9	6	8	5	5	6	6	4	5	6	3	5	6	9	4	5	5	5
DMBA2.5/COMPLETE	6	2	0	2	6	1	0	2	2	3	1	8	8	3	6	0	2	3	4	1	0	4	5	2	5	9	0	7	9	9
ANIMAL I	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
ANIIVIAL I	0 ار	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
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

NONE

Cardiovascular System

Test Type: INIT/PROMOT

Species/Strain: Mouse/SENCAR

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	+			+			+
Acanthosis	3			4			2
Inflammation, Chronic Active	4			4			3
Ulcer	4						4
Ulcer, Multiple				4			
Skin, Control	+	+	 + +	+	+	+	+

+ .. Tissue examined microscopically M .. Missing tissue

A .. Autolysis precludes evaluation X .. Lesion present

I .. Insufficient tissue BLANK .. Not examined microscopically 1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CAS Number: INIT/PROM

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

4

Date Report Requested: 10/21/2014

Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DA	Y 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	0	0	0	0	0	0
SENCAR Mouse Female		3 1	<i>3 6</i>	3	3 6	6	3 4	2 5	3 6	3 6	6	5	2	2 9	3 6	8	2 5	<i>3 5</i>	<i>3 6</i>	3 6	3	2 5	3 6	3	<i>3 5</i>	3 6	9	3 4	<i>3 5</i>	3 5	3 5
DMBA2.5/COMPLETE		6	2	Ō	2	6	1	Ö	2	2	3	1	8	8	3	6	0	2	3	4	1	Õ	4	5	2	5	9	Ô	7	9	9
	ANIMAL ID	000	001	0	0	0	000	0	0	0	0	0	0	0 0	0 0	00	0 0	0 0	000	0	000	0 0	0	0	001	001	00	00	00	0	0 0
		4 8 1	4 8 2	8 3	8 4	8 5	4 8 6	8 7	8 8	8 9	9	9	9 2	9 3	4 9 4	4 9 5	9 6	4 9 7	4 9 8	9 9	5 0 0	5 0 1	5 0 2	5 0 3	5 0 4	5 0 5	5 0 6	5 0 7	5 0 8	5 0 9	5 1 0
Acanthosis																					2		1	1		1			1	1	1
Inflammation, Chronic Active							2														1		1			1				1	
Skin, SOA-Mass		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Skin, SOA-No Mass			+	+	+		+	+	+	+	+	+	+		+		+	+	+		+	+	+	+	+	+		+	+	+	+
Acanthosis			1	3	3			1	4	1	2	2	1		2		2	1	1		3	3	1	3	1	4		2	2	2	3
Inflammation, Chronic Active			1	3	3		2	1	3	1	1	2	1		3			1			2	3	1	3	1	4		2	1	2	3
Ulcer																						4				4					4

Musculoskeletal System

Ulcer, Multiple

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

4) Marked 2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA2.5/COMPLETE

Species/Strain: Mouse/SENCAR

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	3		
Acanthosis		3	3.0
Inflammation, Chronic Active		3	3.7
Ulcer		2	4.0
Ulcer, Multiple		1	4.0
Skin, Control	8		
Acanthosis		7	1.1

+ ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as: X ..Lesion present 1 ..Autolysis precludes evaluation 1 ..Minimal 3 ..Moderate

I ..Insufficient tissue BLANK ..Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA2.5/COMPLETE

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

Species/Strain: Mouse/SENCAR

ANIMAL ID

	*TC	<u> </u>	<u>LS</u>
Inflammation, Chronic Active		5	1.2
Skin, SOA-Mass	29		
Skin, SOA-No Mass	24		
Acanthosis		23	2.1
Inflammation, Chronic Active		22	2.0
Ulcer		3	4.0
Ulcer, Multiple		1	4.0

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1) Minimal 3) Moderate

1-4 ..Lesion qualified as:

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female TPA 5/ COMPLETE

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:23

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female TPA 5/ COMPLETE

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion present

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Test Type: INIT/PROMOT **Route:** SKIN APPLICATION

CAS Number: INIT/PROM

Time Report Requested: 07:42:23

Date Report Requested: 10/21/2014

First Dose M/F: NA / NA

Lab: BAT

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	0	0	0	0	0	0
SENCAR Mouse Female		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
SLINCAIN MOUSE I EIIIAIE		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3	6	6	1	6	6
BPO 20/ COMPLETE		2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	3	5	5	6	5	5
	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
,	AMIMAL 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
		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
		4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Mammary Gland

Skin +
Acanthosis 3
Inflammation, Chronic Active 4
Ulcer, Multiple 4

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Female BPO 20/ COMPLETE	AY ON TEST	0 3 6 2 0 0 5 4	0 3 6 2 0 0 5 4	0 3 6 2 0 0 5 4 3	0 3 6 2 0 0 5 4	0 3 6 2 0 0 5 4 5	0 3 6 2 0 0 5 4 6	0 3 6 2 0 0 5 4 7	0 3 6 3 0 0 5 4 8	0 3 6 3 0 0 5 4	0 3 6 3 0 0 5 5	0 3 6 3 0 0 5 5	0 3 6 3 0 0 5 5	0 3 6 3 0 0 5 5	0 3 6 3 0 0 5 5	0 3 6 4 0 0 5 5	0 3 6 4 0 0 5 5	0 3 6 4 0 0 5 5	0 3 6 4 0 0 5 5 8	0 3 6 4 0 0 5 5 9	0 3 6 4 0 0 5 6	0 3 6 4 0 0 5 6	0 3 6 5 0 0 5 6 2	0 3 6 5 0 0 5 6 3	0 3 6 5 0 0 5 6 4	0 3 3 3 0 0 5 6 5	0 3 6 5 0 0 5 6 6	0 3 6 5 0 0 5 6 7	0 3 1 6 0 0 5 6 8	0 3 6 5 0 0 5 6 9	0 3 6 5 0 0 5 7
Acanthosis								-					2					1							1					1	
Inflammation, Chronic Active			1	1		1			1	2	2		2	1			1	2	1	1	1	1	1	1	1	1	1			1	1
Ulcer																						4									
Skin, SOA-No Mass			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acanthosis								2	2	1	2	1	1	1		1			1	1	1				2	1		1	1	1	
Inflammation, Chronic Active			1	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1		1	1	1

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

Minimal 3) Moderate
 Mild 4) Marked

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

4) Marked

DAY ON TEST

SENCAR Mouse Female BPO 20/ COMPLETE

Experiment Number: 05117-03

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Mammary Gland	1		
Skin	1		
Acanthosis		1	3.0
Inflammation, Chronic Active		1	4.0
Ulcer, Multiple		1	4.0
Skin, Control	21		
Acanthosis		4	1.3

+ ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate

I ...Insufficient tissue

BLANK ..Not examined microscopically

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female BPO 20/ COMPLETE

Species/Strain: Mouse/SENCAR

ANIMAL ID

	*TOTAL	_S_
Inflammation, Chronic Active	21	1.2
Ulcer	1	4.0
Skin, SOA-No Mass	29	
Acanthosis	16	1.3
Inflammation, Chronic Active	28	1.1

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. 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

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/ TPA 5

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA0.25/TPA5

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion present I .. Insufficient tissue

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ TPA 5

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ TPA 5

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ TPA 5

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

+ .. Tissue examined microscopically

M ..Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ TPA 5

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

M .. Missing tissue

A .. Autolysis precludes evaluation

X ..Lesion presentI ..Insufficient tissue

BLANK .. Not examined microscopically

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION CAS Number: INIT/PROM

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST SENCAR Mouse Female DMBA 2.5/ BPO 20	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	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	2	3	3	2	3	3	3	3	3
	9	6	6	6	9	6	6	4	6	6	6	6	6	6	6	3	6	6	6	6	8	7	3	6	9	6	6	6	5	6
	5	2	2	2	5	2	2	0	3	3	3	3	3	4	4	4	4	4	4	4	2	3	3	5	8	5	5	5	2	5
ANIMAL ID	0 0 6 6 1	0 0 6 6 2	0 0 6 6 3	0 0 6 6 4	00665	00666	0 0 6 6 7	00668	0 0 6 6 9	0 0 6 7 0	0 0 6 7 1	0 0 6 7 2	0 0 6 7 3	0 0 6 7 4	0 0 6 7 5	0 0 6 7 6	0 0 6 7 7	0 0 6 7 8	0 0 6 7 9	0 0 6 8 0	0 0 6 8 1	0 0 6 8 2	0 0 6 8 3	0 0 6 8 4	0 0 6 8 5	00686	0 0 6 8 7	00688	0 0 6 8 9	0 0 6 9

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin					+														+									
Acanthosis					2														2									
Inflammation, Chronic Active					4														4									
Ulcer					4														4									
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+
Acanthosis	2	1	1	2	2		2	1	1	1	1			1	1		1	1		2	1		1			1		

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST SENCAR Mouse Female DMBA 2.5/ BPO 20 ANIMAL II	2 9 5	0 3 6 2 0 0 6 6 2	0 3 6 2 0 0 6 6 6 3	0 3 6 2 0 0 6 6 4	0 2 9 5 0 0 6 6 5	0 3 6 2 0 6 6 6 6 6	0 3 6 2 0 6 6 7	0 3 4 0 0 0 6 6 8	0 3 6 3 0 0 6 6 9	0 3 6 3 0 0 6 7 0	0 3 6 3 0 0 6 7 1	0 3 6 3 0 0 6 7 2	0 3 6 3 0 0 6 7 3	0 3 6 4 0 0 6 7 4	0 3 6 4 0 0 6 7 5	0 3 3 4 0 6 7 6	0 3 6 4 0 0 6 7 7	0 3 6 4 0 0 6 7 8	0 3 6 4 0 0 6 7 9	0 3 6 4 0 0 6 8 0	0 1 8 2 0 0 6 8 1	0 2 7 3 0 0 6 8 2	0 3 3 0 0 6 8 3	0 3 6 5 0 0 6 8 4	0 2 9 8 0 0 6 8 5	0 3 6 5 0 0 6 8 6	0 3 6 5 0 0 6 8 7	0 3 6 5 0 0 6 8 8	0 3 5 2 0 0 6 8 9	0 3 6 5 0 0 6 9
Inflammation, Chronic Active	2	1	•		1	2	1	1	1	1	1	1	1	1	1	2	1	1	1	1		2	1	1	1	1	1	1	1	1
Skin, SOA-Mass	+	+	+	+	+	+	+	+	+	+	+	+	+		+		+		+			+	+		+		+	+	+	
Skin, SOA-No Mass	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acanthosis	2	1	1	2	2		2		2	2	1	1	1	2	1	2	1	2	3	1		2	4	1	2		1	4	2	
Inflammation, Chronic Active	2	1	2	2	2	1	4	1	2	2	1	2	1	2	1	2	1	1	4	1	1	3	4	2	3	1	2	4	1	1
Ulcer																			4				4					4		
Ulcer, Multiple							4																							

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

A ..Autolysis precludes evaluation

1) Minimal 3) Moderate

X ..Lesion presentI ..Insufficient tissue

BLANK ..Not examined microscopically

2) Mild

1-4 ..Lesion qualified as:

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ BPO 20

Species/Strain: Mouse/SENCAR

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	2	
Acanthosis	2	2.0
Inflammation, Chronic Active	2	4.0
Ulcer	2	4.0
Skin, Control	27	
Acanthosis	18	1.3
Inflammation, Chronic Active	27	1.1

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

Species/Strain: Mouse/SENCAR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 2.5/ BPO 20

ANIMAL ID

	*TO	TΑ	LS_
Skin, SOA-Mass	22		
Skin, SOA-No Mass	30		
Acanthosis		25	1.8
Inflammation, Chronic Active		30	1.9
Ulcer		3	4.0
Ulcer, Multiple		1	4.0

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

1-4 ..Lesion qualified as:

4) Marked

I ..Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

CAS Number: INIT/PROM

Test Type: INIT/PROMOT Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

DAY ON TEST SENCAR Mouse Female DMBA 25/ BPO 20	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
	3	3	2	3	3	3	3	3	3	3	3	3	3	1	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	3
	6	6	5	6	6	6	6	1	6	6	6	6	6	1	6	6	2	6	6	6	6	6	6	6	2	6	6	2	4	6
	2	2	0	2	2	2	2	0	3	3	3	3	3	7	3	4	0	4	4	4	4	4	5	5	3	5	5	0	2	5
ANIMAL ID	_	0 0 6 9 2	00693	0 0 6 9 4	00695	0 0 6 9 6	00697	00698	0 0 6 9 9	0 0 7 0	0 0 7 0 1	0 0 7 0 2	0 0 7 0 3	0 0 7 0 4	0 0 7 0 5	0 0 7 0 6	0 0 7 0 7	0 0 7 0 8	0 0 7 0 9	0 0 7 1	0 0 7 1	0 0 7 1 2	0 0 7 1 3	0 0 7 1 4	0 0 7 1 5	0 0 7 1 6	0 0 7 1 7	0 0 7 1 8	0 0 7 1 9	0 0 7 2

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin			+					+					+		+	+	
Acanthosis													1		3	1	
Alopecia								Χ									
Inflammation, Chronic Active													4		4	4	
Ulcer													4		4	4	
Skin, Control	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

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^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

Route: SKIN APPLICATION Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

SENCAR Mouse Female DMBA 25/ BPO 20	Y ON TEST	0 3 6 2 0 0 6 9 1	0 3 6 2 0 0 6 9 2	0 2 5 0 0 0 0 6 9 3	0 3 6 2 0 0 6 9 4	0 3 6 2 0 0 6 9 5	0 3 6 2 0 0 6 9 6	0 3 6 2 0 0 6 9 7	0 3 1 0 0 0 6 9 8	0 3 6 3 0 0 6 9 9	0 3 6 3 0 0 7 0	0 3 6 3 0 7 0 1	0 3 6 3 0 7 0 2	0 3 6 3 0 7 0 3	0 1 1 7 0 0 7 0 4	0 3 6 3 0 7 0 5	0 3 6 4 0 0 7 0 6	0 1 2 0 0 0 7	0 3 6 4 0 7 0 8	0 3 6 4 0 7 0 9	0 3 6 4 0 0 7 1	0 3 6 4 0 0 7 1	0 3 6 4 0 0 7 1 2	0 3 6 5 0 7 1 3	0 3 6 5 0 0 7 1 4	0 3 2 3 0 0 7 1 5	0 3 6 5 0 0 7 1 6	0 3 6 5 0 0 7 1 7	0 3 2 0 0 0 7 1 8	0 3 4 2 0 0 7 1 9	0 3 6 5 0 0 7 2 0
Acanthosis		1		1		1	1			1		1	1		2	1	1	1				1			1	1			1		
Inflammation, Chronic Active		1	1	1	1	1	1	1		1	1	1	1		2	1	1	1			1	1			1	1		1	1	1	
Skin, SOA-Mass			+	+		+	+	+	+	+	+	+		+			+		+		+	+		+	+			+	+	+	+
Skin, SOA-No Mass		+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		+	+	+	+
Acanthosis		2	1	2	1	1	1	1		1	1	1	1	1	2	1	2	1	2	2		3	1	1	1	2		2	1	1	1
Inflammation, Chronic Active		2	1	2	1	1	1	2		1	1	1	1	1	2	1	4	2	1	1	1	4	1	1	1	2		1	1	1	
Ulcer																	4														
Ulcer, Multiple																						4									

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as: 1) Minimal 3) Moderate

X ..Lesion present I .. Insufficient tissue A .. Autolysis precludes evaluation

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Experiment Number: 05117-03 P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ BPO 20

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

ANIMAL ID

*TOTALS

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Skin	6	
Acanthosis	3	1.7
Alopecia	1	
Inflammation, Chronic Active	3	4.0
Ulcer	3	4.0
Skin, Control	22	
Acanthosis	15	1.1

+ ..Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:

X ..Lesion present

A .. Autolysis precludes evaluation

1) Minimal 3) Moderate

I .. Insufficient tissue

BLANK .. Not examined microscopically

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Test Type: INIT/PROMOT

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female DMBA 25/ BPO 20

ANIMAL ID

	*TC	<u> </u>	<u>LS</u>
Inflammation, Chronic Active		22	1.0
Skin, SOA-Mass	20		
Skin, SOA-No Mass	28		
Acanthosis		27	1.4
Inflammation, Chronic Active		27	1.4
Ulcer		1	4.0
Ulcer, Multiple		1	4.0

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as: 1) Minimal 3) Moderate

X ..Lesion present

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^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

Route: SKIN APPLICATION

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female SENTINEL FEMALE

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

+ .. Tissue examined microscopically

M .. Missing tissue

1-4 ..Lesion qualified as:1) Minimal 3) Moderate

X ..Lesion present

A .. Autolysis precludes evaluation

2) Mild

4) Marked

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^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

Species/Strain: Mouse/SENCAR

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014 Time Report Requested: 07:42:24

First Dose M/F: NA / NA

Lab: BAT

DAY ON TEST

SENCAR Mouse Female SENTINEL FEMALE

ANIMAL ID

*TOTALS

Respiratory System

NONE

Special Senses System

NONE

Urinary System

NONE

** END OF REPORT **

M .. Missing tissue

X ..Lesion present

I ..Insufficient tissue

A ..Autolysis precludes evaluation BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild

^{* ..}Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

^{+ ..} Tissue examined microscopically