

Experiment Number: 05117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)

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

CAS Number: INIT/PROM

Date Report Requested: 10/21/2014

Time Report Requested: 07:07:39

First Dose M/F: NA / NA

Lab: BAT

C Number: C61994C
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 04/27/1994

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SENCAR Mouse MALE	VEHICLE CONTROL	DMBA0.25/ACETONE E	DMBA 2.5/ACETONE	DMBA 25/ACETONE	DMBA2.5/COMPLET E	BPO 20/ COMPLETE
Disposition Summary						
Animals Initially In Study	30	30	29	31	30	30
Early Deaths						
Moribund Sacrifice	1	1	1		15	5
Natural Death	1	2	1	1	4	2
Survivors						
Terminal Sacrifice	28	27	27	30	11	23
Animals Examined Microscopically	30	30	29	31	30	30
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin	(28)	(25)	(28)	(30)	(6)	(3)
Acanthosis			1 (4%)	1 (3%)	4 (67%)	4 (133%)
Hair Follicle, Cyst					1 (17%)	
Inflammation, Chronic Active		1 (4%)	1 (4%)	1 (3%)	4 (67%)	4 (133%)
Ulcer		1 (4%)		1 (3%)	2 (33%)	3 (100%)

a - Number of animals examined microscopically at site and number of animals with lesion

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SENCAR Mouse MALE	VEHICLE CONTROL	DMBA0.25/ACETONE E	DMBA 2.5/ACETONE	DMBA 25/ACETONE	DMBA2.5/COMPLETE E	BPO 20/ COMPLETE
Ulcer, Multiple			1 (4%)		2 (33%)	
Skin, Control	(1)	(0)	(2)	(0)	(9)	(20)
Acanthosis			2 (100%)		7 (78%)	19 (95%)
Inflammation, Chronic Active	1 (100%)		1 (50%)		3 (33%)	15 (75%)
Skin, SOA-Mass	(0)	(0)	(0)	(0)	(27)	(0)
Acanthosis					1 (4%)	
Cyst Epithelial Inclusion						
Skin, SOA-No Mass	(1)	(5)	(1)	(1)	(23)	(30)
Acanthosis	1 (100%)	4 (80%)	1 (100%)	1 (100%)	23 (100%)	30 (100%)
Hair Follicle, Cyst						
Inflammation, Chronic Active	1 (100%)	2 (40%)			18 (78%)	29 (97%)
Ulcer	1 (100%)	1 (20%)			4 (17%)	
Ulcer, Multiple					2 (9%)	
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

a - Number of animals examined microscopically at site and number of animals with lesion

Experiment Number: 051117-03
Test Type: INIT/PROMOT
Route: SKIN APPLICATION
Species/Strain: Mouse/SENCAR

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
Test Compound: Init/prom comparative mouse study (DMBA/TPA/BPO/MNNG)
CAS Number: INIT/PROM

Date Report Requested: 10/21/2014
Time Report Requested: 07:07:39
First Dose M/F: NA / NA
Lab: BAT

SENCAR Mouse MALE	DMBA0.25/ TPA 5	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 2.5/ BPO 20	DMBA 25/ BPO 20
Disposition Summary					
Animals Initially In Study	30	30	30	30	30
Early Deaths					
Moribund Sacrifice				6	12
Natural Death				1	1
Survivors					
Terminal Sacrifice				23	17
Animals Examined Microscopically				30	30
ALIMENTARY SYSTEM					
None					
CARDIOVASCULAR SYSTEM					
None					
ENDOCRINE SYSTEM					
None					
GENERAL BODY SYSTEM					
None					
GENITAL SYSTEM					
None					
HEMATOPOIETIC SYSTEM					
None					
INTEGUMENTARY SYSTEM					
Skin	(0)	(0)	(0)	(2)	(8)
Acanthosis				2 (100%)	6 (75%)
Hair Follicle, Cyst					
Inflammation, Chronic Active				2 (100%)	7 (88%)
Ulcer				1 (50%)	4 (50%)

a - Number of animals examined microscopically at site and number of animals with lesion

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Lab: BAT

SENCAR Mouse MALE	DMBA0.25/ TPA 5	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 2.5/ BPO 20	DMBA 25/ BPO 20
Ulcer, Multiple				1 (50%)	3 (38%)
Skin, Control	(0)	(0)	(0)	(17)	(20)
Acanthosis				12 (71%)	12 (60%)
Inflammation, Chronic Active				15 (88%)	19 (95%)
Skin, SOA-Mass	(0)	(0)	(0)	(19)	(19)
Acanthosis					
Cyst Epithelial Inclusion					1 (5%)
Skin, SOA-No Mass	(0)	(0)	(0)	(30)	(28)
Acanthosis				29 (97%)	28 (100%)
Hair Follicle, Cyst					1 (4%)
Inflammation, Chronic Active				29 (97%)	28 (100%)
Ulcer				1 (3%)	3 (11%)
Ulcer, Multiple				2 (7%)	4 (14%)

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

END OF MALE DATA

a - Number of animals examined microscopically at site and number of animals with lesion

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 Lab: BAT

SENCAR Mouse FEMALE	VEHICLE CONTROL	DMBA0.25/ACETONE E	DMBA 2.5/ACETONE	DMBA 25/ACETONE	DMBA2.5/COMPLETE E	TPA 5/ COMPLETE
Disposition Summary						
Animals Initially In Study	30	30	31	29	30	30
Early Deaths						
Moribund Sacrifice	2	1	1	1	19	
Natural Death	1				1	
Survivors						
Terminal Sacrifice	27	29	30	28	10	
Animals Examined Microscopically	30	30	31	29	30	
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Mammary Gland	(1)	(0)	(0)	(0)	(0)	(0)
Skin	(27)	(27)	(25)	(26)	(3)	(0)
Acanthosis					3 (100%)	
Alopecia						
Inflammation, Chronic Active					3 (100%)	

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SENCAR Mouse FEMALE	VEHICLE CONTROL	DMBA0.25/ACETONE E	DMBA 2.5/ACETONE	DMBA 25/ACETONE	DMBA2.5/COMPLET E	TPA 5/ COMPLETE
Ulcer					2 (67%)	
Ulcer, Multiple					1 (33%)	
Skin, Control	(0)	(2)	(2)	(0)	(8)	(0)
Acanthosis			1 (50%)		7 (88%)	
Inflammation, Chronic Active		2 (100%)	2 (100%)		5 (63%)	
Ulcer						
Skin, SOA-Mass	(0)	(0)	(0)	(0)	(29)	(0)
Skin, SOA-No Mass	(2)	(2)	(5)	(4)	(24)	(0)
Acanthosis		2 (100%)	3 (60%)	3 (75%)	23 (96%)	
Inflammation, Chronic Active	2 (100%)	2 (100%)	5 (100%)	3 (75%)	22 (92%)	
Ulcer			1 (20%)		3 (13%)	
Ulcer, Multiple					1 (4%)	
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

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Lab: BAT

SENCAR Mouse FEMALE	BPO 20/ COMPLETE	DMBA0.25/ TPA 5	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 2.5/ BPO 20	DMBA 25/ BPO 20
Disposition Summary						
Animals Initially In Study	30	30	30	30	30	30
Early Deaths						
Moribund Sacrifice	2				8	6
Natural Death					1	1
Survivors						
Terminal Sacrifice	28				21	23
Animals Examined Microscopically	30				30	30
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Mammary Gland	(1)	(0)	(0)	(0)	(0)	(0)
Skin	(1)	(0)	(0)	(0)	(2)	(6)
Acanthosis	1 (100%)				2 (100%)	3 (50%)
Alopecia						1 (17%)
Inflammation, Chronic Active	1 (100%)				2 (100%)	3 (50%)

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SENCAR Mouse FEMALE	BPO 20/ COMPLETE	DMBA0.25/ TPA 5	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 2.5/ BPO 20	DMBA 25/ BPO 20
Ulcer					2 (100%)	3 (50%)
Ulcer, Multiple	1 (100%)					
Skin, Control	(21)	(0)	(0)	(0)	(27)	(22)
Acanthosis	4 (19%)				18 (67%)	15 (68%)
Inflammation, Chronic Active	21 (100%)				27 (100%)	22 (100%)
Ulcer	1 (5%)					
Skin, SOA-Mass	(0)	(0)	(0)	(0)	(22)	(20)
Skin, SOA-No Mass	(29)	(0)	(0)	(0)	(30)	(28)
Acanthosis	16 (55%)				25 (83%)	27 (96%)
Inflammation, Chronic Active	28 (97%)				30 (100%)	27 (96%)
Ulcer					3 (10%)	1 (4%)
Ulcer, Multiple					1 (3%)	1 (4%)

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

**** END OF REPORT ****

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