

Experiment Number: 05117-06
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: 10/18/2014

Time Report Requested: 19:48:48

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: 04/29/1994

Experiment Number: 051117-06
 Test Type: INIT/PROMOT
 Route: SKIN APPLICATION
 Species/Strain: Mouse/SENCAR

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

SENCAR Mouse MALE	VEHICLE CONTROL	MNNG 100/ACETONE	MNNG 500/ACETONE	MNNG1000/ACETON E	MNNG100/COMPLET E	BPO 20 COMPLETE
Disposition Summary						
Animals Initially In Study	30	30	30	30	30	30
Early Deaths						
Moribund Sacrifice		2	10	20	23	3
Natural Death	1		4	3	3	
Survivors						
Natural Death						1
Terminal Sacrifice	29	28	16	7	4	26
Animals Examined Microscopically	30	30	30	30	30	30
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
None						
HEMATOPOIETIC SYSTEM						
None						
INTEGUMENTARY SYSTEM						
Skin	(29)	(21)	(11)	(19)	(5)	(4)
Acanthosis						1 (25%)
Alopecia				3 (16%)		
Inflammation, Chronic Active			4 (36%)	14 (74%)	5 (100%)	1 (25%)

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

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 Lab: BAT

SENCAR Mouse MALE	VEHICLE CONTROL	MNNG 100/ACETONE	MNNG 500/ACETONE	MNNG1000/ACETON E	MNNG100/COMPLET E	BPO 20 COMPLETE
Ulcer			4 (36%)	13 (68%)	5 (100%)	1 (25%)
Skin, Control	(0)	(0)	(4)	(5)	(22)	(15)
Acanthosis			4 (100%)	4 (80%)	21 (95%)	15 (100%)
Inflammation, Chronic Active			3 (75%)	5 (100%)	17 (77%)	9 (60%)
Ulcer				1 (20%)	1 (5%)	
Skin, SOA-Mass	(0)	(3)	(12)	(18)	(28)	(1)
Acanthosis		2 (67%)		2 (11%)		
Skin, SOA-No Mass	(1)	(6)	(19)	(19)	(30)	(27)
Acanthosis	1 (100%)	6 (100%)	13 (68%)	9 (47%)	25 (83%)	25 (93%)
Alopecia						1 (4%)
Hair Follicle, Cyst			2 (11%)	2 (11%)		
Inflammation, Chronic Active			15 (79%)	17 (89%)	26 (87%)	26 (96%)
Subcut Tiss, Edema						
Subcut Tiss, Infiltration Cellular, Mixed Cell					1 (3%)	
Ulcer			8 (42%)	11 (58%)	15 (50%)	2 (7%)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

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Lab: BAT

SENCAR Mouse MALE	MNNG 100/BPO 20	MNNG 500/BPO 20	MNNG1000/BPO 20	MNNG 100/TPA 5	MNNG1000/TPA 5
Disposition Summary					
Animals Initially In Study	30	30	30	30	30
Early Deaths					
Moribund Sacrifice	2	11	21		
Natural Death		3	3		
Survivors					
Natural Death					
Terminal Sacrifice	28	16	6		
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					
Skin	(0)	(3)	(3)	(0)	(0)
Acanthosis					
Alopecia			2 (67%)		
Inflammation, Chronic Active		6 (200%)	6 (200%)		

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Lab: BAT

SENCAR Mouse MALE	MNNG 100/BPO 20	MNNG 500/BPO 20	MNNG1000/BPO 20	MNNG 100/TPA 5	MNNG1000/TPA 5
Ulcer		6 (200%)	6 (200%)		
Skin, Control	(15)	(14)	(21)	(0)	(0)
Acanthosis	30 (200%)	28 (200%)	42 (200%)		
Inflammation, Chronic Active	28 (187%)	28 (200%)	42 (200%)		
Ulcer					
Skin, SOA-Mass	(12)	(21)	(27)	(0)	(0)
Acanthosis	2 (17%)	6 (29%)			
Skin, SOA-No Mass	(29)	(29)	(28)	(0)	(0)
Acanthosis	56 (193%)	54 (186%)	56 (200%)		
Alopecia					
Hair Follicle, Cyst	2 (7%)	4 (14%)			
Inflammation, Chronic Active	58 (200%)	56 (193%)	54 (193%)		
Subcut Tiss, Edema		2 (7%)			
Subcut Tiss, Infiltration Cellular, Mixed Cell					
Ulcer	2 (7%)	10 (34%)	10 (36%)		
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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First Dose M/F: NA / NA
Lab: BAT

SENCAR Mouse FEMALE	VEHICLE CONTROL	MNNG 100/ACETONE	MNNG 500/ACETONE	MNNG1000/ACETON E	TPA 5 COMPLETE	MNNG100/COMPLET E
Disposition Summary						
Animals Initially In Study	30	30	30	30	30	30
Early Deaths						
Accidentally Killed	1					
Moribund Sacrifice	1		5	13		25
Natural Death	2		3	6		2
Survivors						
Terminal Sacrifice	26	30	22	11		3
Animals Examined Microscopically	30	30	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	(0)	(0)	(1)	(0)	(0)	(0)
Skin	(30)	(28)	(10)	(9)	(0)	(5)
Acanthosis				1 (11%)		2 (40%)
Alopecia				1 (11%)		1 (20%)

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SENCAR Mouse FEMALE	VEHICLE CONTROL	MNNG 100/ACETONE	MNNG 500/ACETONE	MNNG1000/ACETON E	TPA 5 COMPLETE	MNNG100/COMPLET E
Hair Follicle, Cyst						1 (20%)
Inflammation, Chronic Active		1 (4%)		6 (67%)		2 (40%)
Ulcer		1 (4%)		4 (44%)		3 (60%)
Skin, Control	(0)	(0)	(3)	(6)	(0)	(20)
Acanthosis			3 (100%)	5 (83%)		19 (95%)
Inflammation, Chronic Active			1 (33%)	3 (50%)		17 (85%)
Ulcer				1 (17%)		
Skin, SOA-Mass	(0)	(0)	(8)	(22)	(0)	(28)
Acanthosis				2 (9%)		
Skin, SOA-No Mass	(0)	(2)	(17)	(17)	(0)	(28)
Abscess		1 (50%)				
Acanthosis		1 (50%)	17 (100%)	11 (65%)		24 (86%)
Hair Follicle, Cyst				2 (12%)		
Inflammation, Chronic Active			16 (94%)	17 (100%)		27 (96%)
Ulcer			1 (6%)	8 (47%)		6 (21%)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
None						

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SENCAR Mouse FEMALE	BPO 20 COMPLETE	MNNG 100/BPO 20	MNNG 500/BPO 20	MNNG1000/BPO 20	MNNG 100/TPA 5	MNNG1000/TPA 5
Disposition Summary						
Animals Initially In Study	30	30	30	30	30	30
Early Deaths						
Accidentally Killed						
Moribund Sacrifice	1	1	7	12		
Natural Death	2			4		
Survivors						
Terminal Sacrifice	27	29	23	14		
Animals Examined Microscopically	30	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	(0)	(0)	(0)	(0)	(0)	(0)
Skin	(5)	(2)	(3)	(5)	(0)	(0)
Acanthosis				2 (40%)		
Alopecia			2 (67%)			

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SENCAR Mouse FEMALE	BPO 20 COMPLETE	MNNG 100/BPO 20	MNNG 500/BPO 20	MNNG1000/BPO 20	MNNG 100/TPA 5	MNNG1000/TPA 5
Hair Follicle, Cyst				2 (40%)		
Inflammation, Chronic Active	2 (40%)	2 (100%)	4 (133%)	8 (160%)		
Ulcer	2 (40%)	2 (100%)	4 (133%)	10 (200%)		
Skin, Control	(14)	(15)	(17)	(18)	(0)	(0)
Acanthosis	14 (100%)	30 (200%)	34 (200%)	32 (178%)		
Inflammation, Chronic Active	14 (100%)	30 (200%)	34 (200%)	32 (178%)		
Ulcer				4 (22%)		
Skin, SOA-Mass	(1)	(10)	(14)	(17)	(0)	(0)
Acanthosis			2 (14%)			
Skin, SOA-No Mass	(27)	(28)	(28)	(29)	(0)	(0)
Abscess						
Acanthosis	27 (100%)	56 (200%)	56 (200%)	54 (186%)		
Hair Follicle, Cyst				2 (7%)		
Inflammation, Chronic Active	27 (100%)	56 (200%)	56 (200%)	62 (214%)		
Ulcer	1 (4%)		4 (14%)	12 (41%)		

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

**** END OF REPORT ****

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