

Experiment Number: 05117-01
Test Type: INIT/PROMOT
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

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: 10/20/2014

Time Report Requested: 23:50:35

First Dose M/F: NA / NA

Lab: BAT

C Number: C61994A
Lock Date: 04/07/1992
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 04/26/1994

Experiment Number: 051117-01
Test Type: INIT/PROMOT
Route: DERMAL,SOLUTION
Species/Strain: Mouse/B6C3F1

P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
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First Dose M/F: NA / NA
Lab: BAT

B6C3F1 Mouse MALE	VEHICLE CONTROL	DMBA 2.5/ACETONE	DMBA 25 /ACETONE	DMBA 50 /ACETONE	DMBA2.5/COMPLETE E	TPA 5/ COMPLETE
Disposition Summary						
Animals Initially In Study	30	30	30	30	30	30
Early Deaths						
Accidentally Killed						
Moribund Sacrifice	3				3	1
Natural Death	1				1	
Survivors						
Terminal Sacrifice	26	30	29	30	26	29
Missing			1			
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	(30)	(30)	(22)	(23)	(0)	(1)
Acanthosis						
Inflammation, Chronic Active						

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

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B6C3F1 Mouse MALE	VEHICLE CONTROL	DMBA 2.5/ACETONE	DMBA 25 /ACETONE	DMBA 50 /ACETONE	DMBA2.5/COMPLETE E	TPA 5/ COMPLETE
Ulcer						
Ulcer, Multiple						
Skin, Control	(0)	(0)	(0)	(1)	(2)	(6)
Acanthosis				1 (100%)	2 (100%)	6 (100%)
Inflammation, Chronic Active						4 (67%)
Pigmentation, Melanin						2 (33%)
Ulcer						
Skin, SOA-Mass	(0)	(0)	(1)	(0)	(30)	(0)
Acanthosis					2 (7%)	
Skin, SOA-No Mass	(0)	(0)	(8)	(7)	(23)	(30)
Acanthosis			8 (100%)	7 (100%)	23 (100%)	30 (100%)
Cyst Epithelial Inclusion					1 (4%)	
Granuloma						
Inflammation, Chronic Active			1 (13%)		5 (22%)	29 (97%)
Pigmentation, Melanin						23 (77%)
Ulcer					1 (4%)	1 (3%)
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

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

B6C3F1 Mouse MALE

**VEHICLE CONTROL DMBA 2.5/ACETONE DMBA 25 /ACETONE DMBA 50 /ACETONE DMBA2.5/COMPLET TPA 5/ COMPLETE
E**

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

B6C3F1 Mouse MALE	BPO 20/ COMPLETE	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 50/ 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						
Accidentally Killed				1		
Moribund Sacrifice			1	3	2	
Natural Death					1	
Survivors						
Terminal Sacrifice	30	30	29	26	27	30
Missing						
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	(3)	(2)	(0)	(0)	(5)	(1)
Acanthosis					3 (60%)	1 (100%)
Inflammation, Chronic Active					3 (60%)	1 (100%)

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

B6C3F1 Mouse MALE	BPO 20/ COMPLETE	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 50/ TPA 5	DMBA 2.5/BPO 20	DMBA 25/ BPO 20
Ulcer					2 (40%)	
Ulcer, Multiple					1 (20%)	1 (100%)
Skin, Control	(9)	(12)	(9)	(4)	(14)	(10)
Acanthosis	9 (100%)	12 (100%)	9 (100%)	4 (100%)	14 (100%)	10 (100%)
Inflammation, Chronic Active		9 (75%)	5 (56%)	1 (25%)	8 (57%)	4 (40%)
Pigmentation, Melanin		2 (17%)	2 (22%)			
Ulcer						1 (10%)
Skin, SOA-Mass	(0)	(10)	(12)	(20)	(1)	(2)
Acanthosis			2 (17%)	1 (5%)		
Skin, SOA-No Mass	(27)	(29)	(29)	(30)	(27)	(30)
Acanthosis	27 (100%)	28 (97%)	29 (100%)	30 (100%)	27 (100%)	30 (100%)
Cyst Epithelial Inclusion						
Granuloma	1 (4%)					
Inflammation, Chronic Active	26 (96%)	28 (97%)	28 (97%)	28 (93%)	27 (100%)	27 (90%)
Pigmentation, Melanin		10 (34%)	17 (59%)	14 (47%)	3 (11%)	
Ulcer		1 (3%)		1 (3%)	2 (7%)	1 (3%)
Ulcer, Multiple					1 (4%)	2 (7%)
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

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First Dose M/F: NA / NA

Lab: BAT

END OF MALE DATA

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P03: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)
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First Dose M/F: NA / NA
Lab: BAT

B6C3F1 Mouse FEMALE	VEHICLE CONTROL	DMBA 2.5/ACETONE	DMBA 25 /ACETONE	DMBA 50 /ACETONE	DMBA2.5/COMPLETE	TPA 5/ COMPLETE
Disposition Summary						
Animals Initially In Study	30	30	30	30	30	30
Early Deaths						
Accidentally Killed						
Moribund Sacrifice					2	
Natural Death		1			2	
Survivors						
Terminal Sacrifice	30	29	30	30	26	30
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	(30)	(30)	(25)	(11)	(1)	(0)
Acanthosis					1 (100%)	
Alopecia						
Hair Follicle, Cyst, Multiple						

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

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B6C3F1 Mouse FEMALE	VEHICLE CONTROL	DMBA 2.5/ACETONE	DMBA 25 /ACETONE	DMBA 50 /ACETONE	DMBA2.5/COMPLETE E	TPA 5/ COMPLETE
Inflammation, Chronic Active					1 (100%)	
Pigmentation, Melanin						
Ulcer					1 (100%)	
Ulcer, Multiple						
Skin, Control	(0)	(0)	(0)	(3)	(9)	(22)
Acanthosis				3 (100%)	8 (89%)	14 (64%)
Inflammation, Chronic Active					2 (22%)	22 (100%)
Pigmentation, Melanin						14 (64%)
Skin, SOA-Mass	(0)	(0)	(0)	(0)	(29)	(1)
Acanthosis					1 (3%)	
Sebaceous Gl, Hyperplasia					1 (3%)	
Skin, SOA-No Mass	(0)	(0)	(5)	(18)	(24)	(30)
Acanthosis			5 (100%)	18 (100%)	24 (100%)	30 (100%)
Granuloma					1 (4%)	
Inflammation, Chronic Active			1 (20%)	2 (11%)	9 (38%)	30 (100%)
Mineralization						
Pigmentation, Melanin					7 (29%)	29 (97%)
Ulcer					3 (13%)	1 (3%)
Ulcer, Multiple					2 (8%)	1 (3%)
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						
SPECIAL SENSES SYSTEM						
None						

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

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B6C3F1 Mouse FEMALE

**VEHICLE CONTROL DMBA 2.5/ACETONE DMBA 25 /ACETONE DMBA 50 /ACETONE DMBA2.5/COMPLET TPA 5/ COMPLETE
E**

URINARY SYSTEM
None

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B6C3F1 Mouse FEMALE	BPO 20/ COMPLETE	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 50/ 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						
Accidentally Killed	1					
Moribund Sacrifice	2		1	2	1	1
Natural Death			1	1	1	
Survivors						
Terminal Sacrifice	27	30	28	27	28	29
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	(3)	(1)	(2)	(2)	(3)	(1)
Acanthosis	1 (33%)			1 (50%)	2 (67%)	1 (100%)
Alopecia		1 (100%)		1 (50%)		1 (100%)
Hair Follicle, Cyst, Multiple	1 (33%)					

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

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B6C3F1 Mouse FEMALE	BPO 20/ COMPLETE	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 50/ TPA 5	DMBA 2.5/ BPO 20	DMBA 25/ BPO 20
Inflammation, Chronic Active	2 (67%)		1 (50%)	1 (50%)	2 (67%)	1 (100%)
Pigmentation, Melanin	1 (33%)					
Ulcer				1 (50%)	1 (33%)	
Ulcer, Multiple	1 (33%)		1 (50%)		1 (33%)	
Skin, Control	(26)	(26)	(19)	(23)	(23)	(25)
Acanthosis	25 (96%)	26 (100%)	17 (89%)	23 (100%)	22 (96%)	20 (80%)
Inflammation, Chronic Active	25 (96%)	24 (92%)	18 (95%)	19 (83%)	21 (91%)	24 (96%)
Pigmentation, Melanin		20 (77%)	14 (74%)	14 (61%)	3 (13%)	1 (4%)
Skin, SOA-Mass	(0)	(4)	(7)	(19)	(5)	(1)
Acanthosis		1 (25%)				
Sebaceous GI, Hyperplasia						
Skin, SOA-No Mass	(29)	(30)	(30)	(30)	(29)	(30)
Acanthosis	29 (100%)	30 (100%)	30 (100%)	30 (100%)	29 (100%)	28 (93%)
Granuloma						
Inflammation, Chronic Active	27 (93%)	30 (100%)	30 (100%)	30 (100%)	29 (100%)	30 (100%)
Mineralization			1 (3%)			
Pigmentation, Melanin	6 (21%)	28 (93%)	21 (70%)	11 (37%)	8 (28%)	2 (7%)
Ulcer			1 (3%)	1 (3%)	2 (7%)	
Ulcer, Multiple	1 (3%)	1 (3%)	3 (10%)	3 (10%)	2 (7%)	

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

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

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Lab: BAT

B6C3F1 Mouse FEMALE	BPO 20/ COMPLETE	DMBA 2.5/ TPA 5	DMBA 25/ TPA 5	DMBA 50/ TPA 5	DMBA 2.5/ BPO 20	DMBA 25/ BPO 20
None						

**** END OF REPORT ****