

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYCOL

Date Report Requested: 10/19/2014
Time Report Requested: 12:43:38
First Dose M/F: NA / NA
Lab: NCTR

C Number: C97010A
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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 CAS Number: HYDROXYGLYSAL

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 Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Disposition Summary						
Animals Initially In Study	36	18	18	18	18	18
Early Deaths						
Moribund Sacrifice	3		1	1	1	
Natural Death	2	2	1			1
Tumor>10mm						
Survivors						
Moribund Sacrifice			1			
Natural Death						
Terminal Sacrifice	31	16	15	17	17	17
Tumor>10mm						
Animals Examined Microscopically	36	18	18	18	18	18
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Gallbladder	(0)	(1)	(0)	(0)	(0)	(0)
Liver	(2)	(3)	(3)	(4)	(2)	(0)
Hepatocellular Adenoma	1 (50%)		1 (33%)	1 (25%)		
Hepatocellular Adenoma, Two	1 (50%)					
Lymphoma Malignant						
Mesentery	(0)	(0)	(0)	(0)	(0)	(0)
Pancreas	(1)	(0)	(0)	(0)	(1)	(0)
Salivary Glands	(0)	(0)	(0)	(0)	(1)	(0)
CARDIOVASCULAR SYSTEM						
Heart	(0)	(0)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM						
None						

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(0)
GENITAL SYSTEM						
Penis	(1)	(0)	(0)	(0)	(0)	(0)
Preputial Gland	(6)	(4)	(2)	(1)	(2)	(2)
Lymphoma Malignant						
Seminal Vesicle	(0)	(0)	(0)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(36)	(18)	(18)	(18)	(18)	(17)
Lymph Node	(5)	(4)	(2)	(2)	(5)	(3)
Axillary, Lymphoma Malignant						
Axillary, Squamous Cell Carcinoma, Metastatic, Skin						
Inguinal, Lymphoma Malignant						
Inguinal, Squamous Cell Carcinoma, Metastatic, Skin						
Lumbar, Lymphoma Malignant					1 (20%)	
Lumbar, Mast Cell Tumor Nos						
Mediastinal, Lymphoma Malignant						
Pancreatic, Lymphoma Malignant						
Popliteal, Mast Cell Tumor Nos						
Renal, Lymphoma Malignant						
Lymph Node, Mandibular	(5)	(3)	(4)	(4)	(4)	(3)
Lymphoma Malignant						
Lymph Node, Mesenteric	(0)	(3)	(1)	(1)	(1)	(4)
Lymphoma Malignant						
Spleen	(36)	(18)	(18)	(18)	(18)	(17)
Lymphoma Malignant	1 (3%)				1 (6%)	

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Thymus	(1)	(0)	(0)	(0)	(1)	(0)
Lymphoma Malignant	1 (100%)				1 (100%)	
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Carcinoma In Situ						
Squamous Cell Papilloma						
Skin, Site Of Application	(2)	(0)	(1)	(0)	(1)	(1)
Skin, Site of Application	(34)	(18)	(17)	(18)	(17)	(17)
Basal Cell Carcinoma						
Carcinoma In Situ						
Carcinoma In Situ, > Five						
Carcinoma In Situ, Five						
Carcinoma In Situ, Four						
Carcinoma In Situ, Three						
Carcinoma In Situ, Two						
Sarcoma						
Squamous Cell Carcinoma						
Squamous Cell Carcinoma, > Five						
Squamous Cell Carcinoma, Five						
Squamous Cell Carcinoma, Four						
Squamous Cell Carcinoma, Three						
Squamous Cell Carcinoma, Two						
Squamous Cell Papilloma						
Squamous Cell Papilloma, Five						
Squamous Cell Papilloma, Two						
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(0)

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

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SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Skeletal Muscle	(0)	(0)	(1)	(0)	(0)	(0)
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(36)	(18)	(18)	(18)	(18)	(17)
Alveolar/Bronchiolar Adenoma	1 (3%)	1 (6%)	1 (6%)	1 (6%)		2 (12%)
Alveolar/Bronchiolar Carcinoma						
Lymphoma Malignant	1 (3%)				1 (6%)	
SPECIAL SENSES SYSTEM						
Ear	(0)	(0)	(0)	(0)	(0)	(0)
Eye	(1)	(0)	(1)	(1)	(2)	(0)
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)
Lacrimal Gland	(1)	(1)	(0)	(0)	(0)	(0)
URINARY SYSTEM						
Kidney	(0)	(0)	(0)	(0)	(0)	(0)
Lymphoma Malignant						
Urethra	(3)	(1)	(0)	(2)	(3)	(1)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)
SYSTEMIC LESIONS						
Multiple Organ	*(36)	*(18)	*(18)	*(18)	*(18)	*(18)
Lymphoma Malignant	1 (3%)				1 (6%)	

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

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Disposition Summary						
Animals Initially In Study	36	18	18	18	18	18
Early Deaths						
Moribund Sacrifice	2	1	1	4	1	
Natural Death	2	3	1		3	1
Tumor>10mm			2	3	1	
Survivors						
Moribund Sacrifice						1
Natural Death						1
Terminal Sacrifice	32	14	14	11	12	15
Tumor>10mm					1	
Animals Examined Microscopically	36	18	18	18	18	18
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(1)	(0)	(0)
Gallbladder	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(1)	(3)	(3)	(1)	(3)	(0)
Hepatocellular Adenoma		2 (67%)	1 (33%)		1 (33%)	
Hepatocellular Adenoma, Two						
Lymphoma Malignant					1 (33%)	
Mesentery	(0)	(0)	(0)	(0)	(0)	(1)
Pancreas	(0)	(1)	(0)	(0)	(1)	(0)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM						
Heart	(0)	(1)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM						
None						

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

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
GENERAL BODY SYSTEM						
Tissue NOS	(0)	(0)	(0)	(0)	(0)	(0)
GENITAL SYSTEM						
Penis	(0)	(0)	(2)	(1)	(0)	(0)
Preputial Gland	(3)	(3)	(1)	(4)	(3)	(2)
Lymphoma Malignant					1 (33%)	
Seminal Vesicle	(1)	(1)	(1)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(36)	(18)	(18)	(18)	(18)	(18)
Lymph Node	(15)	(10)	(12)	(10)	(4)	(9)
Axillary, Lymphoma Malignant					1 (25%)	
Axillary, Squamous Cell Carcinoma, Metastatic, Skin					1 (25%)	
Inguinal, Lymphoma Malignant					1 (25%)	
Inguinal, Squamous Cell Carcinoma, Metastatic, Skin						1 (11%)
Lumbar, Lymphoma Malignant					1 (25%)	
Lumbar, Mast Cell Tumor Nos						
Mediastinal, Lymphoma Malignant			1 (8%)			
Pancreatic, Lymphoma Malignant			1 (8%)			
Popliteal, Mast Cell Tumor Nos						
Renal, Lymphoma Malignant			1 (8%)		1 (25%)	
Lymph Node, Mandibular	(8)	(3)	(6)	(5)	(5)	(3)
Lymphoma Malignant					1 (20%)	
Lymph Node, Mesenteric	(4)	(2)	(0)	(3)	(1)	(3)
Lymphoma Malignant					1 (100%)	
Spleen	(36)	(18)	(18)	(18)	(18)	(18)
Lymphoma Malignant			1 (6%)		1 (6%)	

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Thymus	(2)	(1)	(1)	(0)	(0)	(0)
Lymphoma Malignant			1 (100%)			
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Carcinoma In Situ		2 (11%)	1 (6%)			
Squamous Cell Papilloma						
Skin, Site Of Application	(0)	(0)	(1)	(0)	(1)	(0)
Skin, Site of Application	(36)	(18)	(17)	(18)	(17)	(18)
Basal Cell Carcinoma				2 (11%)		
Carcinoma In Situ	2 (6%)	5 (28%)	2 (12%)	2 (11%)	3 (18%)	1 (6%)
Carcinoma In Situ, > Five		1 (6%)		2 (11%)		
Carcinoma In Situ, Five			1 (6%)	1 (6%)		
Carcinoma In Situ, Four	1 (3%)	2 (11%)	1 (6%)	2 (11%)		
Carcinoma In Situ, Three			3 (18%)			
Carcinoma In Situ, Two	1 (3%)	1 (6%)	2 (12%)	3 (17%)	1 (6%)	
Sarcoma						
Squamous Cell Carcinoma	1 (3%)	3 (17%)	1 (6%)	4 (22%)	2 (12%)	1 (6%)
Squamous Cell Carcinoma, > Five				1 (6%)		
Squamous Cell Carcinoma, Five						
Squamous Cell Carcinoma, Four						
Squamous Cell Carcinoma, Three			1 (6%)	2 (11%)		
Squamous Cell Carcinoma, Two		1 (6%)	1 (6%)	2 (11%)	1 (6%)	
Squamous Cell Papilloma	2 (6%)	2 (11%)	6 (35%)	2 (11%)	3 (18%)	
Squamous Cell Papilloma, Five			1 (6%)			
Squamous Cell Papilloma, Two	1 (3%)	1 (6%)		1 (6%)		
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(0)

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SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Skeletal Muscle	(0)	(0)	(0)	(0)	(0)	(0)
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(36)	(18)	(18)	(18)	(18)	(18)
Alveolar/Bronchiolar Adenoma	3 (8%)	3 (17%)	2 (11%)	1 (6%)		1 (6%)
Alveolar/Bronchiolar Carcinoma						
Lymphoma Malignant			1 (6%)		1 (6%)	
SPECIAL SENSES SYSTEM						
Ear	(0)	(0)	(0)	(1)	(0)	(0)
Eye	(2)	(1)	(1)	(0)	(0)	(0)
Harderian Gland	(0)	(1)	(0)	(0)	(0)	(0)
Lacrimal Gland	(0)	(0)	(0)	(0)	(0)	(0)
URINARY SYSTEM						
Kidney	(0)	(0)	(1)	(4)	(0)	(1)
Lymphoma Malignant						
Urethra	(4)	(2)	(1)	(2)	(2)	(4)
Urinary Bladder	(0)	(1)	(1)	(0)	(0)	(0)
SYSTEMIC LESIONS						
Multiple Organ	*(36)	*(18)	*(18)	*(18)	*(18)	*(18)
Lymphoma Malignant			1 (6%)		1 (6%)	

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

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SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Disposition Summary						
Animals Initially In Study	36	18	18	18	18	18
Early Deaths						
Moribund Sacrifice	3	3	3	6	5	4
Natural Death	4		4	1		2
Tumor>10mm	26	14	11	10	8	8
Survivors						
Moribund Sacrifice					1	1
Natural Death						1
Terminal Sacrifice	3				2	1
Tumor>10mm		1		1	2	1
Animals Examined Microscopically	36	18	18	18	18	18
ALIMENTARY SYSTEM						
Esophagus	(0)	(0)	(0)	(0)	(0)	(0)
Gallbladder	(0)	(0)	(0)	(0)	(0)	(0)
Liver	(2)	(2)	(2)	(3)	(2)	(2)
Hepatocellular Adenoma				1 (33%)		
Hepatocellular Adenoma, Two						
Lymphoma Malignant						
Mesentery	(1)	(0)	(0)	(0)	(0)	(0)
Pancreas	(0)	(0)	(1)	(0)	(1)	(1)
Salivary Glands	(0)	(0)	(0)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM						
Heart	(1)	(0)	(0)	(0)	(0)	(0)
ENDOCRINE SYSTEM						
None						

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GENERAL BODY SYSTEM						
Tissue NOS	(1)	(0)	(0)	(1)	(0)	(0)
GENITAL SYSTEM						
Penis	(0)	(0)	(1)	(0)	(0)	(0)
Preputial Gland	(3)	(0)	(2)	(0)	(2)	(2)
Lymphoma Malignant						
Seminal Vesicle	(5)	(0)	(0)	(0)	(0)	(0)
HEMATOPOIETIC SYSTEM						
Bone Marrow	(36)	(18)	(17)	(18)	(18)	(17)
Lymph Node	(28)	(18)	(13)	(13)	(15)	(13)
Axillary, Lymphoma Malignant			1 (8%)			
Axillary, Squamous Cell Carcinoma, Metastatic, Skin						
Inguinal, Lymphoma Malignant			1 (8%)			
Inguinal, Squamous Cell Carcinoma, Metastatic, Skin						
Lumbar, Lymphoma Malignant			1 (8%)			
Lumbar, Mast Cell Tumor Nos					1 (7%)	
Mediastinal, Lymphoma Malignant						
Pancreatic, Lymphoma Malignant						
Popliteal, Mast Cell Tumor Nos					1 (7%)	
Renal, Lymphoma Malignant	1 (4%)					
Lymph Node, Mandibular	(11)	(7)	(8)	(6)	(9)	(7)
Lymphoma Malignant			1 (13%)			
Lymph Node, Mesenteric	(1)	(0)	(1)	(0)	(0)	(1)
Lymphoma Malignant						
Spleen	(36)	(18)	(17)	(18)	(18)	(17)
Lymphoma Malignant			1 (6%)			

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

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SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Thymus	(1)	(0)	(0)	(0)	(0)	(0)
Lymphoma Malignant	1 (100%)					
INTEGUMENTARY SYSTEM						
Skin, Control	(36)	(18)	(18)	(18)	(18)	(18)
Carcinoma In Situ		1 (6%)				1 (6%)
Squamous Cell Papilloma				1 (6%)		
Skin, Site Of Application	(0)	(0)	(0)	(0)	(0)	(0)
Skin, Site of Application	(36)	(18)	(18)	(18)	(18)	(18)
Basal Cell Carcinoma						
Carcinoma In Situ	5 (14%)	4 (22%)	5 (28%)	7 (39%)	4 (22%)	1 (6%)
Carcinoma In Situ, > Five		1 (6%)	1 (6%)		1 (6%)	
Carcinoma In Situ, Five		3 (17%)			1 (6%)	1 (6%)
Carcinoma In Situ, Four			1 (6%)	3 (17%)	1 (6%)	1 (6%)
Carcinoma In Situ, Three	2 (6%)	3 (17%)	3 (17%)		4 (22%)	3 (17%)
Carcinoma In Situ, Two	6 (17%)	2 (11%)	1 (6%)	2 (11%)	4 (22%)	7 (39%)
Sarcoma						
Squamous Cell Carcinoma	20 (56%)	7 (39%)	6 (33%)	3 (17%)	7 (39%)	7 (39%)
Squamous Cell Carcinoma, > Five			2 (11%)		1 (6%)	
Squamous Cell Carcinoma, Five						
Squamous Cell Carcinoma, Four		1 (6%)	1 (6%)		2 (11%)	
Squamous Cell Carcinoma, Three	1 (3%)	5 (28%)	4 (22%)	4 (22%)	2 (11%)	2 (11%)
Squamous Cell Carcinoma, Two	7 (19%)	4 (22%)	2 (11%)	8 (44%)	3 (17%)	5 (28%)
Squamous Cell Papilloma		4 (22%)	2 (11%)	3 (17%)	2 (11%)	4 (22%)
Squamous Cell Papilloma, Five						
Squamous Cell Papilloma, Two						
MUSCULOSKELETAL SYSTEM						
Bone	(0)	(0)	(0)	(0)	(0)	(0)

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:43:38
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Skeletal Muscle	(1)	(0)	(0)	(0)	(1)	(0)
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(36)	(18)	(17)	(18)	(18)	(17)
Alveolar/Bronchiolar Adenoma	3 (8%)			2 (11%)	1 (6%)	1 (6%)
Alveolar/Bronchiolar Carcinoma						1 (6%)
Lymphoma Malignant	1 (3%)					
SPECIAL SENSES SYSTEM						
Ear	(0)	(0)	(0)	(1)	(0)	(0)
Eye	(2)	(0)	(1)	(1)	(1)	(0)
Harderian Gland	(0)	(0)	(0)	(0)	(0)	(0)
Lacrimal Gland	(0)	(0)	(0)	(0)	(0)	(0)
URINARY SYSTEM						
Kidney	(1)	(1)	(1)	(2)	(1)	(3)
Lymphoma Malignant			1 (100%)			
Urethra	(1)	(0)	(1)	(1)	(1)	(2)
Urinary Bladder	(0)	(0)	(0)	(0)	(0)	(0)
SYSTEMIC LESIONS						
Multiple Organ	*(36)	*(18)	*(18)	*(18)	*(18)	*(18)
Lymphoma Malignant	1 (3%)		1 (6%)			

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:43:38
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
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Disposition Summary

Animals Initially In Study	36
Early Deaths	
Moribund Sacrifice	18
Natural Death	6
Tumor>10mm	12
Survivors	
Moribund Sacrifice	
Natural Death	
Terminal Sacrifice	
Tumor>10mm	
Animals Examined Microscopically	35

ALIMENTARY SYSTEM

Esophagus	(0)
Gallbladder	(0)
Liver	(3)
Hepatocellular Adenoma	
Hepatocellular Adenoma, Two	
Lymphoma Malignant	
Mesentery	(0)
Pancreas	(0)
Salivary Glands	(0)

CARDIOVASCULAR SYSTEM

Heart	(0)
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ENDOCRINE SYSTEM

None	
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a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
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CAS Number: HYDROXGLYSAL

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

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
GENERAL BODY SYSTEM	
Tissue NOS	(1)
GENITAL SYSTEM	
Penis	(0)
Preputial Gland	(3)
Lymphoma Malignant	
Seminal Vesicle	(0)
HEMATOPOIETIC SYSTEM	
Bone Marrow	(33)
Lymph Node	(20)
Axillary, Lymphoma Malignant	
Axillary, Squamous Cell Carcinoma, Metastatic, Skin	
Inguinal, Lymphoma Malignant	
Inguinal, Squamous Cell Carcinoma, Metastatic, Skin	
Lumbar, Lymphoma Malignant	
Lumbar, Mast Cell Tumor Nos	
Mediastinal, Lymphoma Malignant	
Pancreatic, Lymphoma Malignant	
Popliteal, Mast Cell Tumor Nos	
Renal, Lymphoma Malignant	1 (5%)
Lymph Node, Mandibular	(8)
Lymphoma Malignant	1 (13%)
Lymph Node, Mesenteric	(2)
Lymphoma Malignant	1 (50%)
Spleen	(33)
Lymphoma Malignant	1 (3%)

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:43:38
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Thymus	(1)
Lymphoma Malignant	1 (100%)
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INTEGUMENTARY SYSTEM	
Skin, Control	(35)
Carcinoma In Situ	
Squamous Cell Papilloma	
Skin, Site Of Application	(1)
Skin, Site of Application	(34)
Basal Cell Carcinoma	
Carcinoma In Situ	8 (24%)
Carcinoma In Situ, > Five	1 (3%)
Carcinoma In Situ, Five	2 (6%)
Carcinoma In Situ, Four	3 (9%)
Carcinoma In Situ, Three	1 (3%)
Carcinoma In Situ, Two	4 (12%)
Sarcoma	1 (3%)
Squamous Cell Carcinoma	8 (24%)
Squamous Cell Carcinoma, > Five	
Squamous Cell Carcinoma, Five	1 (3%)
Squamous Cell Carcinoma, Four	3 (9%)
Squamous Cell Carcinoma, Three	4 (12%)
Squamous Cell Carcinoma, Two	17 (50%)
Squamous Cell Papilloma	2 (6%)
Squamous Cell Papilloma, Five	
Squamous Cell Papilloma, Two	
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MUSCULOSKELETAL SYSTEM	
Bone	(1)

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
Time Report Requested: 12:43:38
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
Skeletal Muscle	(0)
NERVOUS SYSTEM	
None	
RESPIRATORY SYSTEM	
Lung	(33)
Alveolar/Bronchiolar Adenoma	
Alveolar/Bronchiolar Carcinoma	
Lymphoma Malignant	
SPECIAL SENSES SYSTEM	
Ear	(0)
Eye	(3)
Harderian Gland	(0)
Lacrimal Gland	(3)
URINARY SYSTEM	
Kidney	(2)
Lymphoma Malignant	
Urethra	(1)
Urinary Bladder	(0)
SYSTEMIC LESIONS	
Multiple Organ	*(35)
Lymphoma Malignant	1 (3%)

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:43:38
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAMNO SSL	CTLCREAMNO SSL	4% AHA NO SSL	10% AHA NO SSL	2% BHA NO SSL	4% BHA NO SSL
Tumor Summary for MALE						
Total Animals with Primary Neoplasms (b)	4	1	2	2	1	2
Total Primary Neoplasms	4	1	2	2	1	2
Total Animals with Benign Neoplasms	3	1	2	2		2
Total Benign Neoplasms	3	1	2	2		2
Total Animals with Malignant Neoplasms	1				1	
Total Malignant Neoplasms	1				1	
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant						
Total Uncertain Neoplasms						

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:43:39
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.3 MED	CTLCREAM0.3 MED	4% AHA 0.3 MED	10% AHA 0.3 MED	2% BHA 0.3 MED	4% BHA 0.3 MED
Tumor Summary for MALE						
Total Animals with Primary Neoplasms (b)	8	14	14	12	6	3
Total Primary Neoplasms	11	23	24	25	12	3
Total Animals with Benign Neoplasms	6	7	8	4	3	1
Total Benign Neoplasms	6	8	10	4	4	1
Total Animals with Malignant Neoplasms	5	11	11	12	5	2
Total Malignant Neoplasms	5	15	14	21	8	2
Total Animals with Metastatic Neoplasms					1	1
Total Metastatic Neoplasms					1	1
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant						
Total Uncertain Neoplasms						

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P02: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (a)
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:43:39
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.6 MED	CTLCREAM0.6 MED	4% AHA 0.6 MED	10% AHA 0.6 MED	2% BHA 0.6 MED	4% BHA 0.6 MED
Tumor Summary for MALE						
Total Animals with Primary Neoplasms (b)	30	18	15	15	17	17
Total Primary Neoplasms	45	35	29	34	35	34
Total Animals with Benign Neoplasms	3	4	2	6	3	5
Total Benign Neoplasms	3	4	2	7	3	5
Total Animals with Malignant Neoplasms	30	18	15	15	17	17
Total Malignant Neoplasms	42	31	27	27	30	29
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant					1	
Total Uncertain Neoplasms					1	

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

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Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXGLYSAL

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Time Report Requested: 12:43:39
First Dose M/F: NA / NA
Lab: NCTR

SKH-1/NCTR Mouse MALE	NO CREAM0.9 MED
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Tumor Summary for MALE

Total Animals with Primary Neoplasms (b)	33
Total Primary Neoplasms	56
Total Animals with Benign Neoplasms	2
Total Benign Neoplasms	2
Total Animals with Malignant Neoplasms	33
Total Malignant Neoplasms	54
Total Animals with Metastatic Neoplasms	
Total Metastatic Neoplasms	
Total Animals with Malignant Neoplasms Uncertain Primary Site	
Total Animals with Neoplasms Uncertain - Benign or Malignant	
Total Uncertain Neoplasms	

**** END OF REPORT ****

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

b - Primary tumors: all tumors except metastatic tumors

* Number of animals with any tissue examined microscopically