

**Experiment Number:** 97010-02  
**Test Type:** 1-YEAR  
**Species/Strain:** Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
**CAS Number:** HYDROXGLYSAL

**Date Report Requested:** 10/16/2014  
**Time Report Requested:** 05:12:51  
**First Dose M/F:** NA / NA  
**Lab:** NCTR

<b>C Number:</b>	C97010A
<b>Lock Date:</b>	Not Entered.
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female
<b>PWG Approval Date</b>	NONE

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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	0	0
SKH-1/NCTR 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	3	
NO CREAMNO SSL	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	6	6	6	6	6	6	6	
ANIMAL ID	3	3	4	4	5	5	3	3	3	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	2		
	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	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	6	6	6	6	6	6	6	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	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	1	2	3	3	

**Alimentary System**

Liver +  
 Salivary Glands +  
 Stomach, Glandular +  
 Cyst X

**Cardiovascular System**

NONE

**Endocrine System**

Pituitary Gland +

**General Body System**

Tissue NOS +

**Genital System**

Clitoral Gland +  
 Abscess X  
 Duct, Ectasia  
 Ovary + + + + + + + + + + + + + + + + + + +  
 Cyst X X X X X X X X X X X X X X X X X X  
 Uterus + + + + + + + + + + + + + + + + + + +  
 Dilatation  
 Endometrium, Hyperplasia, Cystic 2 2 2 2 1 2

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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 4) Marked

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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	0
<b>SKH-1/NCTR Mouse Female</b>	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	
<b>NO CREAMNO SSL</b>	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	6	6	6	6	6	6	
<b>ANIMAL ID</b>	3	3	4	4	5	5	3	3	3	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	2	

Vagina																																
Dilatation																																
<b>Hematopoietic System</b>																																
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Myeloid Cell, Hyperplasia																																
Lymph Node	+		+	+							+	+								+							+					
Axillary, Hyperplasia, Lymphoid																																
Lumbar, Hyperplasia, Lymphoid																																
Renal, Hyperplasia, Lymphoid	2										2	1																				
Thoracic, Hyperplasia, Lymphoid					2																											
Lymph Node, Mandibular												+																				
Hyperplasia, Lymphoid																																
Infiltration Cellular, Plasma Cell											3																					
Infiltration Cellular, Polymorphnuclr																																
Lymph Node, Mesenteric																																
Hyperplasia, Lymphoid												+	+	+						+										+		
Spleen																																
Hematopoietic Cell Proliferation	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hyperplasia, Lymphoid																																
Pigmentation											3																					
Thymus																																

**Integumentary System**

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 CAS Number: HYDROXYGLYSAL

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

SKH-1/NCTR Mouse Female NO CREAMNO SSL	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	
ANIMAL ID	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	6	6	6	6	
	3	3	4	4	5	5	3	3	3	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	4	5	
	0	0	0	0	0	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	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	6	6	6	6	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	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		
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion															X															
Dermis, Inflammation, Granulomatous	1	1	2	1	1	1	1	2		1	2	1	1	3	1	1	1	1	2	1	1	2	1	1	1	1	1	1	1	
Dermis, Tail, Inflammation, Granulomatous																													2	
Subcut Tiss, Inflammation, Pyogranulomat														3																
Tail, Cyst Epithelial Inclusion				X		X	X	X							X	X											X			
Skin, Site Of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Dermis, Inflammation, Granulomatous	1	2	2	2	1	1	2	2	1	1	2	2	2	2	2	2	1	2	2	1	1	2	1	1	2	1	2		2	
<b>Musculoskeletal System</b>																														
NONE																														
<b>Nervous System</b>																														
NONE																														
<b>Respiratory System</b>																														
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar Epith, Hyperplasia																	1						1							
Infiltration Cellular, Lymphocyte					1															1									2	
<b>Special Senses System</b>																														
Eye									+	+																			+	
Cataract											X																			
Cornea, Inflammation										1																				

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 Lab: NCTR

	DAY ON TEST																																					
<b>SKH-1/NCTR Mouse Female</b> <b>NO CREAMNO SSL</b>	0	0	0	0	0	0	0	0	0	0	0	0	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		
	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	6	6	6	6	6	6	6	6	6	6	6	6	
	3	3	4	4	5	5	3	3	3	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	2	
	0	0	0	0	0	0	0	0	0	0	0	0	0	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	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	6	6	6	6	6	6	6	6	6	6	6	6	6
	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	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	1	2	3	4	5	6	7	8	9	3

**Urinary System**

NONE

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 Lab: NCTR

		DAY ON TEST					
<b>SKH-1/NCTR Mouse Female</b>		0	0	0	0	0	
		3	3	3	3	3	
		6	6	6	6	6	
		3	4	4	5	5	
<b>NO CREAMNO SSL</b>	ANIMAL ID	0	0	0	0	0	
		2	2	2	2	2	
		7	7	7	7	7	
		9	9	9	9	9	
		4	5	6	7	8	<b>*TOTALS</b>

**Alimentary System**

Liver	1
Salivary Glands	1
Stomach, Glandular	1
Cyst	1

**Cardiovascular System**

NONE

**Endocrine System**

Pituitary Gland	1
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**General Body System**

Tissue NOS	1
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**Genital System**

Clitoral Gland		+	2	
Abscess			1	
Duct, Ectasia		3	1 3.0	
Ovary		+	20	
Cyst		X	18	
Uterus	+	+	+	20
Dilatation		X	1	
Endometrium, Hyperplasia, Cystic	2	2	3	19 2.0

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SKH-1/NCTR Mouse Female NO CREAMNO SSL	DAY ON TEST					ANIMAL ID						
	0	0	0	0	0							
	3	3	3	3	3	0						
	6	6	6	6	6	0						
	3	4	4	5	5	0						
	0	0	0	0	0	0						
	2	2	2	2	2	0						
	7	7	7	7	7	0						
	9	9	9	9	9	0						
	4	5	6	7	8	0						
											<b>*TOTALS</b>	
Vagina							+				1	
Dilatation							X				1	
<b>Hematopoietic System</b>												
Bone Marrow							+	+	+	+	+	36
Myeloid Cell, Hyperplasia												2 2.0
Lymph Node										+		10
Axillary, Hyperplasia, Lymphoid											2	2 2.0
Lumbar, Hyperplasia, Lymphoid											1	2.0
Renal, Hyperplasia, Lymphoid											4	1.8
Thoracic, Hyperplasia, Lymphoid											1	2.0
Lymph Node, Mandibular											4	
Hyperplasia, Lymphoid											1	2.0
Infiltration Cellular, Plasma Cell											2	2.5
Infiltration Cellular, Polymorphnuclr											1	2.0
Lymph Node, Mesenteric											8	
Hyperplasia, Lymphoid											7	1.9
Spleen							+	+	+	+	+	36
Hematopoietic Cell Proliferation											1	7 1.6
Hyperplasia, Lymphoid											2	3.5
Pigmentation											1	3.0
Thymus											1	

**Integumentary System**

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SKH-1/NCTR Mouse Female NO CREAMNO SSL	DAY ON TEST					ANIMAL ID				
	0	0	0	0	0					
	3	3	3	3	3	0				
	6	6	6	6	6	0				
	3	4	4	5	5	0				
	2	2	2	2	2	0				
	7	7	7	7	7	0				
	9	9	9	9	9	0				
	4	5	6	7	8					
							<b>*TOTALS</b>			
Skin, Control	+	+	+	+	+		36			
Cyst Epithelial Inclusion							1			
Dermis, Inflammation, Granulomatous	1	1	3	2	1		34	1.3		
Dermis, Tail, Inflammation, Granulomatous							1	2.0		
Subcut Tiss, Inflammation, Pyogranulomat							1	3.0		
Tail, Cyst Epithelial Inclusion		X			X		9			
Skin, Site Of Application	+	+	+	+	+		36			
Dermis, Inflammation, Granulomatous	1	1	1	2	1		34	1.6		
<b>Musculoskeletal System</b>										
NONE										
<b>Nervous System</b>										
NONE										
<b>Respiratory System</b>										
Lung	+	+	+	+	+		36			
Alveolar Epith, Hyperplasia							2	1.0		
Infiltration Cellular, Lymphocyte				2			4	1.5		
<b>Special Senses System</b>										
Eye							3			
Cataract							1			
Cornea, Inflammation							1	1.0		

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	DAY ON TEST	0	0	0	0	0	
<b>SKH-1/NCTR Mouse Female</b> <b>NO CREAMNO SSL</b>		3	3	3	3	3	
		6	6	6	6	6	
		3	4	4	5	5	
	ANIMAL ID	0	0	0	0	0	
		2	2	2	2	2	
		7	7	7	7	7	
		9	9	9	9	9	
		4	5	6	7	8	<b>*TOTALS</b>

**Urinary System**

NONE

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SKH-1/NCTR Mouse Female</b>	3	3	3	3	3	3	2	3	3	3	3	3	3	1	3	3	0	3
<b>CTLCREAMNO SSL</b>	6	6	6	6	6	6	6	6	6	6	6	6	6	4	6	6	9	6
	3	3	4	4	5	5	3	3	4	4	5	5	3	5	4	4	9	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
	<b>*TOTALS</b>																	

**Alimentary System**

Intestine Large, Colon																			+	1		
Necrosis																			4		1	4.0
Intestine Small																			+		1	
Dilatation																			X		1	
Liver																				+	1	

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Ovary																			+	+	+	+	8	
Cyst																			X	X	X	X	X	8
Uterus																			+		+	+	4	
Endometrium, Hyperplasia, Cystic																			2		2	3	3	2.3

**Hematopoietic System**

Bone Marrow																			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
-------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

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 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically  
 1-4 ..Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:52  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female CTLCREAMNO SSL	DAY ON TEST																		*TOTALS	
	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		
Myeloid Cell, Hyperplasia										2				2		2		3 2.0		
Lymph Node	+						+			+	+	+		+				6		
Axillary, Hyperplasia, Lymphoid							2					2		2				3 2.0		
Inguinal, Hyperplasia, Lymphoid							2											1 2.0		
Lumbar, Hyperplasia, Lymphoid	3						2			2								3 2.3		
Renal, Hyperplasia, Lymphoid												2						1 2.0		
Lymph Node, Mandibular						+	+			+		+	+	+	+			8		
Hyperplasia, Lymphoid						1				2		2	2	2		2		6 1.8		
Infiltration Cellular, Histiocyte																2		1 2.0		
Infiltration Cellular, Plasma Cell							2								2			2 2.0		
Lymph Node, Mesenteric	+								+									2		
Hyperplasia, Lymphoid	3									4								2 3.5		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Hematopoietic Cell Proliferation									2								2	2 2.0		
Hyperplasia, Lymphoid	3																	1 3.0		
<b>Integumentary System</b>																				
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Dermis, Inflammation, Granulomatous	1	1	2		1	1		1	1	1	1	1		1	1	1	1	14 1.1		
Tail, Cyst Epithelial Inclusion	X		X	X						X				X				5		
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Acanthosis									1						1		1	3 1.0		
Cyst Epithelial Inclusion											X							1		

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:52  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female CTLCREAMNO SSL	DAY ON TEST																				
	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	3	3	3	3	1	3	3	0	3			
	6	6	6	6	6	6	6	6	6	6	6	6	6	4	6	6	9	6			
	3	3	4	4	5	5	3	3	4	4	5	3	5	4	4	9	5				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7			
	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0			
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8			
																			<b>*TOTALS</b>		
Dermis, Inflammation, Granulomatous	1	1	2	1	2	1		1	1	1	1	2	2	1	1	1	1	1	16	1.3	
Hyperplasia, Squamous						1													1	1.0	
<b>Musculoskeletal System</b>																					
NONE																					
<b>Nervous System</b>																					
NONE																					
<b>Respiratory System</b>																					
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Infiltration Cellular, Lymphocyte	2				2														2	2.0	
<b>Special Senses System</b>																					
Eye																				1	
Cataract																					1
Harderian Gland																				1	
<b>Urinary System</b>																					
NONE																					

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:52  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SKH-1/NCTR Mouse Female</b>	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3
<b>4% AHA NO SSL</b>	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	6	6
	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	9	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	0	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	<b>*TOTALS</b>																	

**Alimentary System**

Stomach, Forestomach + 1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	13
Cyst	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	13
Uterus					+		+		+					+		+		5
Endometrium, Hyperplasia, Cystic					2		3		3					2		2		5 2.4

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Myeloid Cell, Hyperplasia																3	1	2 2.0
Lymph Node	+	+	+			+			+	+	+							7
Axillary, Hyperplasia, Lymphoid					2		2				2							3 2.0
Axillary, Inflammation										2								1 2.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 4% AHA NO SSL	DAY ON TEST																				
	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			
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3			
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	6	6			
	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	9	5	5			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2			
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6			
																			<b>*TOTALS</b>		
Inguinal, Hyperplasia, Lymphoid											3	3	2	3.0							
Inguinal, Inflammation											2	1	2.0								
Lumbar, Hyperplasia, Lymphoid											2	1	2.0								
Pancreatic, Hyperplasia, Lymphoid	2																		1	2.0	
Renal, Hyperplasia, Lymphoid	4	2																	2	3.0	
Lymph Node, Mandibular	+							+	+	+									5		
Hyperplasia, Lymphoid	4							2					2	2	4	2.5					
Inflammation											2	1	2.0								
Lymph Node, Mesenteric	+											+	+	3							
Hyperplasia, Lymphoid											2	2	2	2.0							
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18			
Hematopoietic Cell Proliferation	2											2	2	2	2	5	2.0				
Hyperplasia, Lymphoid											2	1	2.0								
Thymus	+																+	2			
<b>Integumentary System</b>																					
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18			
Dermis, Inflammation, Granulomatous	1	1	1	1	1	1	1	2					1	1	1	1	1	2	1	15	1.1
Tail, Cyst Epithelial Inclusion	X							X									X	3			
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18			
Acanthosis							2									1	1	1	1	5	1.2
Dermis, Inflammation, Granulomatous	1	1	2	1	1	1	1			1	1	1	1	1	2				2	14	1.2
Infiltration Cellular, Mast Cell									3	3									2	3.0	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..Tissue examined microscopically  
 X ..Lesion present  
 I ..Insufficient tissue  
 M ..Missing tissue  
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 BLANK ..Not examined microscopically  
 1-4 ..Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	SKH-1/NCTR Mouse Female 4% AHA NO SSL																		*TOTALS
	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	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	0	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung + + + + + + + + + + + + + + + + + 18

Alveolus, Inflammation 1 1 1 3 1.0

Infiltration Cellular, Lymphocyte 1 1 2 1.0

**Special Senses System**

Eye + 1

Cornea, Inflammation 2 1 2.0

**Urinary System**

Kidney + 2

Infiltration Cellular, Lymphocyte 2 1 2.0

Inflammation, Chronic 3 1 3.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0																		*TOTALS
	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	3	4	4	4	5	5	3	3	4	4	6	6	3	3	4	4	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	4
																			*TOTALS
																			12

**Alimentary System**

Intestine Large, Cecum																				1
Liver																				1
Eosinophilic Focus																				1

**Cardiovascular System**

NONE																				
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Endocrine System**

NONE																				
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**General Body System**

NONE																				
------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Genital System**

Ovary		+	+		+	+	+	+		+	+	+			+	+	+			12
Amyloid Deposition																			3	1 3.0
Cyst		X	X		X		X	X		X	X	X			X	X	X			11
Uterus																			+	5
Endometrium, Hyperplasia, Cystic																			2	5 1.8

**Hematopoietic System**

Bone Marrow		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Myeloid Cell, Hyperplasia																			2	2 1.5

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 10% AHA NO SSL	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	7	3	4	4	5	5	3	3	4	4	6	6	3	3	4	4	5	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	
Lymph Node																		+	
Axillary, Hyperplasia, Lymphoid																		2	
Lymph Node, Mandibular											+	+						+	
Hyperplasia, Lymphoid											2							2	
Infiltration Cellular, Plasma Cell											2								
Lymph Node, Mesenteric																		+	
Hyperplasia, Lymphoid																		2	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation											1		2					1	
																		2	
<b>Integumentary System</b>																			
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Dermis, Inflammation, Granulomatous			2	2	1	1	1	1	2	1	1	1	1	1	1	1	1	1	
Tail, Cyst Epithelial Inclusion			X	X	X		X		X		X	X	X	X		X			
Skin, Site of Application		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acanthosis		1											1						
Dermis, Inflammation, Granulomatous		1	2	2	2	2	1	2		1	1	1	2	2	1	1	1	1	
Infiltration Cellular, Mast Cell											2								
<b>Musculoskeletal System</b>																			
NONE																			
<b>Nervous System</b>																			
NONE																			

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0																		*TOTALS
	1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	3	4	4	4	5	5	3	3	4	4	6	6	3	3	4	4	5	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	2	2	2	3	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	4

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Alveolar Epith, Hyperplasia																		1	1.0
Infiltration Cellular, Lymphocyte				2					1										2 1.5

**Special Senses System**

Eye									+										1
Cataract									X										1

**Urinary System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0																		*TOTALS																	
	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3																		
ANIMAL ID	0																		*TOTALS																	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2																		
Axillary, Hematopoietic Cell Proliferation																			3	1	3.0															
Axillary, Hyperplasia, Lymphoid																			2	2	2.0															
Inguinal, Hematopoietic Cell Proliferation																			2	1	2.0															
Renal, Hematopoietic Cell Proliferation																			2	1	2.0															
Lymph Node, Mandibular																			+	+	+	+	+	5												
Hematopoietic Cell Proliferation																			3	1	3.0															
Hyperplasia, Lymphoid																			2	1	2	2	4	1.8												
Pigmentation																			3	1	3.0															
Lymph Node, Mesenteric																			+	+			+	+	4											
Hematopoietic Cell Proliferation																			2	1	2.0															
Hyperplasia, Lymphoid																			2	2			2	2	4	2.0										
Spleen																			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Hematopoietic Cell Proliferation																			2	2	2	2	2	2	2	2	2	2	2	9	2.0					
Hyperplasia, Lymphoid																			2	1	2.0															
Thymus																																1				
Hyperplasia, Lymphoid																			2	1	2.0															
<b>Integumentary System</b>																																				
Skin, Control																			+	+	+	+	+	+	+	+	+	+	+	+	18					
Cyst Epithelial Inclusion																			X												2					
Dermis, Inflammation, Granulomatous																			2	1	2	1	1	1	1	1	1	1	1	1	16	1.1				
Tail, Cyst Epithelial Inclusion																					X	X	X				X	X			5					
Skin, Site Of Application																			+	+	+	+	+	+	+	+	+	+	+	+	18					

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 2% BHA NO SSL	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	1	3	3	3	3	3	3		
	6	6	6	6	6	6	6	6	6	6	3	6	6	6	6	6	6		
	3	3	4	4	5	5	3	3	4	4	6	6	3	3	4	4	5		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7		
	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6		
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1		
Acanthosis		1	1						1	2					1	1	6		
Cyst Epithelial Inclusion					X												1		
Dermis, Inflammation, Granulomatous	2	2	2	2	1	1	2	1	2	1		1	1	1	2	1	1		
<b>Musculoskeletal System</b>																			
NONE																			
<b>Nervous System</b>																			
NONE																			
<b>Respiratory System</b>																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Alveolus, Inflammation			1														1		
Infiltration Cellular, Histiocyte								1									1		
Infiltration Cellular, Lymphocyte	2	2		2						1				1		1	6		
<b>Special Senses System</b>																			
Eye									+	+							2		
Cataract										X							1		
Cornea, Inflammation									2								1		
<b>Urinary System</b>																			
NONE																			

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:53  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	ANIMAL ID																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Female	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	1	
4% BHA NO SSL	6	6	6	5	6	6	4	6	6	6	6	6	6	4	6	6	6	8	
	3	3	4	4	5	5	0	3	4	4	5	5	3	2	4	4	5	1	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	

**Alimentary System**

Liver + + 2

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Ovary + + + + + + + + + + + + + + + 12  
 Cyst X X X X X X X X X X X X X X 12  
 Uterus + + + + + 5  
 Dilatation X 1  
 Endometrium, Hyperplasia, Cystic 2 2 2 2 4 2.0

**Hematopoietic System**

Bone Marrow + + + + + + + + + + + + + + + 18  
 Lymph Node + + + + + 5  
 Axillary, Hyperplasia, Lymphoid 2 2 2 2.0  
 Lumbar, Hyperplasia, Lymphoid 2 1 2.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:54  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 4% BHA NO SSL	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	3	3	1	
	6	6	6	5	6	6	4	6	6	6	6	6	6	4	6	6	6	8	
	3	3	4	4	5	5	0	3	4	4	5	3	2	4	4	5	1		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	
Lumbar, Infiltration Cellular, Histiocyte														2				1 2.0	
Pancreatic, Hyperplasia, Lymphoid									2									1 2.0	
Renal, Hyperplasia, Lymphoid									2									1 2.0	
Thoracic, Infiltration Cellular, Histiocyte														2				1 2.0	
Lymph Node, Mandibular							+		+							+		3	
Hyperplasia, Lymphoid							2									2		2 2.0	
Infiltration Cellular, Plasma Cell											3							1 3.0	
Lymph Node, Mesenteric							+				+							2	
Hyperplasia, Lymphoid											2							1 2.0	
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Hematopoietic Cell Proliferation						2	2	1	1					2				5 1.6	
Hyperplasia, Lymphoid						2					2							2 2.0	
Thymus																	+	1	
<b>Integumentary System</b>																			
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Dermis, Inflammation, Granulomatous				1	1	1	1	1	1	1	1	1	1	1	1	1		16 1.0	
Tail, Cyst Epithelial Inclusion				X			X									X		3	
Skin, Site of Application		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis				1	1								1	1	1		1 2	7 1.1	
Cyst Epithelial Inclusion				X														1	
Dermis, Inflammation, Granulomatous		1		1	2	1	2	1	1	1	2	2	2	1	1	1	1	16 1.3	
<b>Musculoskeletal System</b>																			

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:54  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST																		
<b>SKH-1/NCTR Mouse Female</b> <b>4% BHA NO SSL</b>		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	1	3	3	3	1	
		6	6	6	5	6	6	4	6	6	6	6	6	6	4	6	6	6	8	
		3	3	4	4	5	5	0	3	4	4	5	5	3	2	4	4	5	1	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
		6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	8	
		3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>

NONE																				
<b>Nervous System</b>																				
NONE																				
<b>Respiratory System</b>																				
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Alveolar Epith, Hyperplasia														1				1		2 1.0
Infiltration Cellular, Lymphocyte				1	1															2 1.0
<b>Special Senses System</b>																				
NONE																				
<b>Urinary System</b>																				
Kidney				+																1

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked





Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:54  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female NO CREAM0.3 MED	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			
ANIMAL ID	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	2	3	3			
	6	6	6	6	1	6	6	6	6	6	6	6	6	6	6	4	6	6	6	6	6	6	6	6	6	6	9	6	6			
	3	3	4	4	7	5	3	3	7	4	5	5	3	3	4	4	7	5	3	3	4	4	5	5	3	3	4	4	0			
	0	0	0	0	0	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8			
	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	0	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	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Myeloid Cell, Hyperplasia	2	2																													2	
Lymph Node	+								+	+				+	+	+		+	+						+	+		+	+	+		
Axillary, Hyperplasia, Lymphoid	2								2	2				2	2	2									2			2		2		
Inguinal, Hyperplasia, Lymphoid																															2	
Lumbar, Hyperplasia, Lymphoid																															2	
Pancreatic, Hyperplasia, Lymphoid																2																
Renal, Hyperplasia, Lymphoid																															2	
Thoracic, Hyperplasia, Lymphoid																															3	
Lymph Node, Mandibular									+	+	+			+	+											+			+			
Hyperplasia, Lymphoid									2	2	2			2	2											2			2			
Infiltration Cellular, Plasma Cell										2																						
Lymph Node, Mesenteric									+	+																+			+			
Hyperplasia, Lymphoid									2	2																2			2			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation	2	2	1	2		1	2	1	3	2	2	1	2	2	1	2		2			3	2	1	1	2	2	2	2	2	2		
<b>Integumentary System</b>																																
Mammary Gland																														+		
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Acanthosis	1																															
Cyst Epithelial Inclusion																															X	X
Dermis, Inflammation, Granulomatous	1	1	1	1		1	1	1		1	1	1	1		1	2	1		2	1	1	1				1	1	1	1	1	1	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:54  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST					
<b>SKH-1/NCTR Mouse Female</b>		0	0	0	0	0	
		3	3	3	3	3	
		6	6	6	6	6	
		3	4	4	5	5	
<b>NO CREAM0.3 MED</b>	ANIMAL ID	0	0	0	0	0	
		2	2	2	2	2	
		9	9	9	9	9	
		2	2	2	2	2	
		0	1	2	3	4	<b>*TOTALS</b>

**Alimentary System**

Liver 1  
 Mesentery 1  
 Abscess 1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Clitoral Gland 4  
 Duct, Ectasia 3 2.7  
 Inflammation 1 4.0  
 Ovary + + 19  
 Cyst X 17  
 Uterus + + 17  
 Endometrium, Hyperplasia, Cystic 3 2 17 2.1

**Hematopoietic System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:54  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female NO CREAM0.3 MED	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	3	3	3	3	3	0					
	6	6	6	6	6	0					
	3	4	4	5	5	0					
	2	2	2	2	2	0					
	9	9	9	9	9	0					
	2	2	2	2	2	0					
	0	1	2	3	4						
											<b>*TOTALS</b>
Bone Marrow	+	+	+	+	+						35
Myeloid Cell, Hyperplasia											3 2.0
Lymph Node		+	+	+	+						17
Axillary, Hyperplasia, Lymphoid		2	2	2							13 2.0
Inguinal, Hyperplasia, Lymphoid		2		2							4 2.0
Lumbar, Hyperplasia, Lymphoid											3 2.0
Pancreatic, Hyperplasia, Lymphoid											1 2.0
Renal, Hyperplasia, Lymphoid											2 2.5
Thoracic, Hyperplasia, Lymphoid					2						1 2.0
Lymph Node, Mandibular	+										8
Hyperplasia, Lymphoid	2										8 2.0
Infiltration Cellular, Plasma Cell											1 2.0
Lymph Node, Mesenteric		+									6
Hyperplasia, Lymphoid		2									6 2.0
Spleen	+	+	+	+	+						35
Hematopoietic Cell Proliferation	2	1	3	1							31 1.8
<b>Integumentary System</b>											
Mammary Gland											1
Skin, Control	+	+	+	+	+						36
Acanthosis											1 1.0
Cyst Epithelial Inclusion											3
Dermis, Inflammation, Granulomatous	1	1	1	1							28 1.1

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female NO CREAM0.3 MED	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	3	3	3	3	3	0					
	6	6	6	6	6	0					
	3	4	4	5	5	0					
	2	0	0	0	0	0					
	2	2	2	2	2	0					
	9	9	9	9	9	0					
	2	2	2	2	2	0					
	0	1	2	3	4						
											<b>*TOTALS</b>
Epidermis, Tail, Inflammation, Chronic Active							1	2.0			
Tail, Cyst Epithelial Inclusion							7				
Skin, Site Of Application	+	+	+	+	+		36				
Acanthosis			1	1	1		28	1.1			
Dermis, Inflammation, Granulomatous	2	2	2	2	1		34	1.6			
Hyperplasia, Squamous	2	3	1				16	2.4			
<b>Musculoskeletal System</b>											
NONE											
<b>Nervous System</b>											
NONE											
<b>Respiratory System</b>											
Lung	+	+	+	+	+		35				
Alveolar Epith, Hyperplasia				1			2	1.0			
Alveolus, Inflammation				1			1	1.0			
Infiltration Cellular, Lymphocyte							4	1.5			
<b>Special Senses System</b>											
Eye				+			3				
Conjunctiva, Inflammation							1	3.0			
<b>Urinary System</b>											
Kidney							1				

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST																				
<b>SKH-1/NCTR Mouse Female</b>		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	3	3	3	3	3	1	3	3	3	3	3	2	0			
	<b>CTLCREAM0.3 MED</b>	6	2	6	6	0	6	6	6	3	7	6	6	6	6	6	6	1	1			
		3	3	4	4	6	5	3	3	4	7	1	5	3	3	4	4	4	3			
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	
		7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4			<b>*TOTALS</b>

**Alimentary System**

Liver																									
Inflammation, Chronic																									
Inflammation, Diffuse																									
Mesentery																									
Abscess																									

**Cardiovascular System**

Heart																									
Atrium, Thrombosis																									

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Ovary																								
Angiectasis																								
Cyst																								
Uterus																								
Endometrium, Hyperplasia, Cystic																								

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female CTLCREAM0.3 MED	DAY ON TEST																		*TOTALS
	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	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3		
	7	8	9	0	1	2	2	3	4	5	6	7	8	9	0	1	2	3	4

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Myeloid Cell, Hyperplasia		3		2						2							2	2	5 2.2
Lymph Node		+	+					+	+		+	+	+	+	+	+	+	+	10
Axillary, Hyperplasia, Lymphoid		3						2	2		2		2	2		2			7 2.1
Inguinal, Hyperplasia, Lymphoid											2	3							2 2.5
Mediastinal, Hemorrhage																	3		1 3.0
Mediastinal, Hyperplasia, Lymphoid																	3		1 3.0
Renal, Hyperplasia, Lymphoid				2															1 2.0
Lymph Node, Mandibular		+					+						+			+	+		5
Hyperplasia, Lymphoid		2					2						2				3		4 2.3
Infiltration Cellular, Plasma Cell													3			2			2 2.5
Lymph Node, Mesenteric				+														+	2
Hyperplasia, Lymphoid				2														2	2 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Hematopoietic Cell Proliferation	3	2	2	2	2	3	2	2			2	3	2	2	2	2	3	1	16 2.2

**Integumentary System**

Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Cyst Epithelial Inclusion									X										1
Dermis, Inflammation, Granulomatous	2	2	1			1	2	1	1	1		1	1	1	1	1			13 1.2
Hyperplasia, Squamous			3																1 3.0
Infiltration Cellular, Mast Cell			3																1 3.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female CTLCREAM0.3 MED	DAY ON TEST																		*TOTALS
	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	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	
Tail, Cyst Epithelial Inclusion		X																1	
Tail, Hemorrhage					2													1 2.0	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis	1	2	1	1	1		1	1	1		2	1		1	1	1	2	1 15 1.2	
Cyst Epithelial Inclusion											X	X						2	
Dermis, Inflammation, Granulomatous	2		1		2	1	2	1	1		2	1	1	2	2	2		13 1.5	
Dermis, Inflammation, Pyogranulomat										4								1 4.0	
Hyperplasia, Squamous	2	3		4		2	4	2		3		3	4	2		4	4	12 3.1	
<b>Musculoskeletal System</b>																			
NONE																			
<b>Nervous System</b>																			
NONE																			
<b>Respiratory System</b>																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolar Epith, Hyperplasia						1									1			2 1.0	
Alveolus, Inflammation										1								1 1.0	
Artery, Inflammation					3													1 3.0	
Infiltration Cellular, Lymphocyte							2		1									2 1.5	
Peribronchial, Inflammation																3		1 3.0	
<b>Special Senses System</b>																			
Eye																+		1	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST																	
<b>SKH-1/NCTR Mouse Female</b>		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	2	3	3	3	3	1	3	3	3	3	3	2	0	
		6	2	6	6	0	6	6	6	3	7	6	6	6	6	6	1	1	
<b>CTLCREAM0.3 MED</b>		3	3	4	4	6	5	3	3	4	7	1	5	3	3	4	4	3	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
		1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	
		7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	<b>*TOTALS</b>
Cataract																		X	1
Cornea, Inflammation																		1	1 1.0
<b>Urinary System</b>																			
NONE																			

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SKH-1/NCTR Mouse Female</b>	3	3	3	3	3	2	3	3	1	3	3	3	3	3	3	3	3	3
<b>4% AHA 0.3 MED</b>	6	6	6	6	6	4	5	6	8	6	6	6	6	3	3	6	6	6
	3	3	4	4	5	8	8	3	8	4	5	5	3	7	7	4	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
	<b>*TOTALS</b>																	

**Alimentary System**

Intestine Large, Colon																			+	1				
Hyperplasia, Lymphoid																			2		1	2.0		
Liver																			+	+	2			
Hemorrhage																			1		1	1.0		
Mesentery																					+	1		
Inflammation																					4	1	4.0	

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Ovary																			+	+	+	+	+	+	+	+	12										
Cyst																			X	X	X	X					X	X	X	X	X	X	X	X	12		
Uterus																											+	+	+	3							
Endometrium, Hyperplasia, Cystic																			2									2			2	3	2.0				

**Hematopoietic System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 4% AHA 0.3 MED	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	2	3	3	1	3	3	3	3	3	3	3	3	3	
	6	6	6	6	6	4	5	6	8	6	6	6	6	3	3	6	6	6	
	3	3	4	4	5	8	8	3	8	4	5	5	3	7	7	4	5	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	
	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5	
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Myeloid Cell, Hyperplasia						3		2						2				3 2.3	
Lymph Node	+			+	+			+		+			+	+	+	+		9	
Axillary, Hyperplasia, Lymphoid	2			2				2		2				2		2		6 2.0	
Inguinal, Hyperplasia, Lymphoid										2				2	2			3 2.0	
Inguinal, Infiltration Cellular, Plasma Cell														3				1 3.0	
Lymph Node, Mandibular					+					+						+		3	
Hyperplasia, Lymphoid											2							1 2.0	
Lymph Node, Mesenteric					+											+		2	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Hematopoietic Cell Proliferation	2	2	3	3		2	3	2	1	2	2	2	2	3	3		2 3	16 2.3	
<b>Integumentary System</b>																			
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Dermis, Inflammation, Granulomatous	1	1	2	1			1	2				2	1	1	1	1	1	1 1.2	
Tail, Cyst Epithelial Inclusion											X		X			X	X	4	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis	1	1	1	1	2	3		2	2	1	1	1	1	1	1	1	1	16 1.3	
Dermis, Inflammation, Granulomatous	2	2	2	2	1	3	1	1		1	1	1	1	2	2	1	2 2	17 1.6	
Hyperplasia, Squamous	2	4	2		2		1	4		3		3	2	3	4	3		12 2.8	
<b>Musculoskeletal System</b>																			
NONE																			

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:55  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SKH-1/NCTR Mouse Female</b>	3	3	3	3	3	2	3	3	1	3	3	3	3	3	3	3	3	3
<b>4% AHA 0.3 MED</b>	6	6	6	6	6	4	5	6	8	6	6	6	6	3	3	6	6	6
	3	3	4	4	5	8	8	3	8	4	5	5	3	7	7	4	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	3	3	3	3	3	4	4	4	4	4	4	4	4	4	4	5	5	5
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
	<b>*TOTALS</b>																	

**Nervous System**

NONE

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Alveolus, Inflammation							1	1											2 1.0
Hemorrhage							2												1 2.0
Infiltration Cellular, Lymphocyte				1			2				2								3 1.7

**Special Senses System**

NONE

**Urinary System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:56  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SKH-1/NCTR Mouse Female</b> <b>10% AHA 0.3 MED</b>		3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3
		6	6	6	6	6	6	6	6	6	6	5	6	6	6	6	6	6	3
		3	3	4	4	5	5	3	3	4	4	5	0	3	3	4	4	5	3
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	7
		3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
																			<b>*TOTALS</b>

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	17
Myeloid Cell, Hyperplasia				2		2								3					3 2.3
Lymph Node		+	+	+	+	+	+			+					+	+		+	11
Axillary, Hyperplasia, Lymphoid			2	2	2	2			2						2	2			8 2.0
Renal, Hyperplasia, Lymphoid				2															1 2.0
Lymph Node, Mandibular				+			+	+		+				+					5
Hyperplasia, Lymphoid				2			2			2									3 2.0
Infiltration Cellular, Plasma Cell														3					1 3.0
Lymph Node, Mesenteric			+					+	+									+	4
Hyperplasia, Lymphoid				2					2										2 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	17
Hematopoietic Cell Proliferation		2	2	2	3	3	2			1	2	2		2	3	3	1	2	14 2.1
Hyperplasia, Lymphoid					2														1 2.0

**Integumentary System**

Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Acanthosis					1														1 1.0
Dermis, Inflammation, Granulomatous	1	1	1	1	3	1	1	1	1	1	1		1	1			1	1	15 1.1
Dermis, Tail, Inflammation, Pyogranulomat																		2	1 2.0
Tail, Cyst Epithelial Inclusion	X						X					X		X	X	X			6
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Acanthosis	1	1	2	2	2	1	1	1	1	1	1	2	2	1		1	1		16 1.3

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:56  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 10% AHA 0.3 MED	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS
	ANIMAL ID	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		
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
Dermis, Inflammation, Granulomatous	2	2	2	1	1	1	1	1	1	2	2	2	2	2	1	1	2	16	1.5
Hyperplasia, Squamous	3	3	3	3	2	2	3		4	4		3	4	2		4	13	3.1	
<b>Musculoskeletal System</b>																			
NONE																			
<b>Nervous System</b>																			
NONE																			
<b>Respiratory System</b>																			
Lung		+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	17	
Alveolar Epith, Hyperplasia																		1	1.0
Alveolus, Inflammation								1		1								2	1.0
Infiltration Cellular, Lymphocyte				2													1	2	1.5
<b>Special Senses System</b>																			
Eye					+								+					2	
<b>Urinary System</b>																			
NONE																			

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked







Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:56  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>SKH-1/NCTR Mouse Female</b> <b>2% BHA 0.3 MED</b>	1	3	3	3	3	3	2	3	3	3	3	3	3	3	2	3	0	3
	4	6	6	6	6	6	9	6	6	6	6	6	6	6	8	6	5	6
	6	3	4	4	4	5	5	2	3	4	4	5	5	3	3	8	4	3
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	7	7	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
<b>*TOTALS</b>																		

**Nervous System**

NONE

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Alveolar Epith, Hyperplasia				2														1 2.0
Alveolus, Inflammation	2						3											2 2.5
Bronchiole, Inflammation							3											1 3.0
Infiltration Cellular, Lymphocyte		2			1			1		1			1					5 1.2

**Special Senses System**

Eye																		1
-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---

**Urinary System**

Kidney																		1
Abscess																		1

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:56  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 4% BHA 0.3 MED	DAY ON TEST																	*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	1	3	1	3	3	3	0	3	3	3	3	3	3	3	
	6	6	6	4	6	2	6	6	6	5	6	6	6	6	6	6	6	
	3	3	4	9	5	7	3	3	4	3	5	5	3	3	4	4	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	
	8	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	

**Hematopoietic System**

Bone Marrow	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	17
Myeloid Cell, Hyperplasia								2										1 2.0
Lymph Node				+	+			+		+	+	+						6
Axillary, Hyperplasia, Lymphoid								2			2	2						3 2.0
Inguinal, Hyperplasia, Lymphoid										2	2							2 2.0
Lumbar, Hyperplasia, Lymphoid								3			2							2 2.5
Lumbar, Infiltration Cellular, Plasma Cell								3										1 3.0
Popliteal, Hyperplasia, Lymphoid											2							1 2.0
Lymph Node, Mandibular				+	+	+						+	+	+			+	7
Hyperplasia, Lymphoid				2								2	2	2			2	5 2.0
Lymph Node, Mesenteric																		2
Spleen	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	17
Hematopoietic Cell Proliferation	3	2					2	2	2	3	2	2	2	2	3	2	3	14 2.3
Hyperplasia, Lymphoid				2														1 2.0
Thymus					+													1

**Integumentary System**

Skin, Control	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	17
Dermis, Inflammation, Granulomatous	1		1		1		1	1	1		1	1	1	1	1	1	1	14 1.0
Dermis, Inflammation, Pyogranulomat										2	3							2 2.5
Hyperplasia, Squamous														2				1 2.0
Tail, Cyst Epithelial Inclusion					X											X	X	3

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:56  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 4% BHA 0.3 MED	DAY ON TEST																			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	1	3	1	3	3	3	0	3	3	3	3	3	3	3	3		
	6	6	6	4	6	2	6	6	6	5	6	6	6	6	6	6	6	6		
	3	3	4	9	5	7	3	3	4	3	5	3	3	4	4	5	5			
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
8	8	8	8	8	8	8	8	8	8	8	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		
9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6			
																			<b>*TOTALS</b>	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	17	
Acanthosis	1	1		2	1		1	1	1	2	1		1	1	1	1	1	1	14	1.1
Dermis, Inflammation, Granulomatous	2	1	2		2		2	2	2	1	2	1	1	1	1	1	1	1	16	1.4
Hyperplasia, Squamous		4							4		4	3	2			2			6	3.2
<b>Musculoskeletal System</b>																				
NONE																				
<b>Nervous System</b>																				
NONE																				
<b>Respiratory System</b>																				
Lung	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	17	
Alveolar Epith, Hyperplasia				1															1	1.0
Alveolus, Inflammation	1																		1	1.0
Infiltration Cellular, Lymphocyte	1																		1	1.0
<b>Special Senses System</b>																				
Eye				+		+					+					+			4	
Cataract											X					X			2	
Cornea, Inflammation						1					3								2	2.0
<b>Urinary System</b>																				
NONE																				

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:57  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female NO CREAM0.6 MED	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		
ANIMAL ID	3	3	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3	3	3	2	3	3	3		
	5	6	5	6	6	3	5	5	5	4	2	5	3	3	1	6	6	0	3	6	4	8	6	6	3	7	2	0	6	2	3
	1	3	0	4	5	9	8	8	8	4	3	8	0	0	6	4	5	9	7	8	4	1	5	5	7	5	3	9	5	3	0
Myeloid Cell, Hyperplasia	2									2	2	2	2	2	2					2	2	2	2	2				2	2		
Lymph Node	+	+		+	+	+	+	+	+	+	+		+	+	+	+		+	+	+	+	+		+	+	+		+	+	+	
Axillary, Hyperplasia, Lymphoid	2	2			2	2	2	2	3	2	3	3			2	2	2		2	2	2		2				3	2			
Axillary, Infiltration Cellular, Plasma Cell																															
Inguinal, Hyperplasia, Lymphoid		2		2	2		2	2	3	2	2	2		2			2		2			2	2		2		2	2	2		
Inguinal, Infiltration Cellular, Plasma Cell												3																			
Lumbar, Hyperplasia, Lymphoid	2					2					3			2														2			2
Mediastinal, Hyperplasia, Lymphoid								2																							
Popliteal, Hyperplasia, Lymphoid															2																
Renal, Hyperplasia, Lymphoid										2																					
Thoracic, Hyperplasia, Lymphoid											3																				
Lymph Node, Mandibular									+	+	+	+		+						+	+	+	+	+		+					+
Hyperplasia, Lymphoid								2	2	2	2			2						2		2	2	2		2					
Infiltration Cellular, Plasma Cell																						2			2						3
Lymph Node, Mesenteric	+																							+							
Hyperplasia, Lymphoid	2																														
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hematopoietic Cell Proliferation	2	2	2	2	3	3	3	3	2	2	2	3	3	2	3	3	2	3	3	2	2	3	2	3	3	2	3	2	2	2	3
Hyperplasia, Lymphoid											2																				
<b>Integumentary System</b>																															
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cyst Epithelial Inclusion																	X														X

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:57  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	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				
<b>SKH-1/NCTR Mouse Female</b>	3	3	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	2	3	3	3	2	3	3	3				
<b>NO CREAM0.6 MED</b>	5	6	5	6	6	3	5	5	5	4	2	5	3	3	1	6	6	0	3	6	4	8	6	6	3	7	2	0	6	2	3		
	1	3	0	4	5	9	8	8	8	4	3	8	0	0	6	4	5	9	7	8	4	1	5	5	7	5	3	9	5	3	0		
	0	0	0	0	0	0	0	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3			
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0			
	2	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	3	3	3	3	3	3	3	4	4	4	4	4	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	1	2	3	4	5		
Dermis, Inflammation, Granulomatous	1			1	1	1	1	1	2	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Hyperplasia, Squamous																																	
Subcut Tiss, Inflammation, Pyogranulomat																																	
Tail, Cyst Epithelial Inclusion	X	X																															
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+		
Acanthosis	2		1	2	2	1	1	2	1	1	2	2		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Cyst Epithelial Inclusion																																	
Dermis, Inflammation, Chronic Active																																	
Dermis, Inflammation, Granulomatous	3			2	2	2	2	1	2	2		2	1	2	1	2	1	2	2	2	2		2	1	2	2	2		2	2	2		
Epidermis, Inflammation, Chronic Active																																	
Hyperplasia, Squamous		4		2				2	3		2		4	4	4	4	4		3	3	3		4		2		4	4		3			
<b>Musculoskeletal System</b>																																	
NONE																																	
<b>Nervous System</b>																																	
NONE																																	
<b>Respiratory System</b>																																	
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolar Epith, Hyperplasia							1																										
Alveolus, Inflammation												2	1		1													1		1			
Infiltration Cellular, Lymphocyte																																	
<b>Special Senses System</b>																																	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:57  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST					
<b>SKH-1/NCTR Mouse Female</b>	<b>NO CREAM0.6 MED</b>	0	0	0	0	0	
		3	3	3	3	3	
		3	0	0	6	6	
		0	9	0	5	5	
		0	0	0	0	0	
		ANIMAL ID					
		3	3	3	3	3	
		0	0	0	0	0	
		4	4	4	4	5	
		6	7	8	9	0	<b>*TOTALS</b>

**Alimentary System**

Liver 5  
 Hematopoietic Cell Proliferation 1 2.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Clitoral Gland 3  
 Abscess 1  
 Duct, Ectasia 2 2.5  
 Ovary + + + + 22  
 Cyst X X X X 22  
 Uterus + 12  
 Endometrium, Hyperplasia, Cystic 2 12 2.1

**Hematopoietic System**

Bone Marrow + + + + + 36

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:57  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female NO CREAM0.6 MED	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	3	3	3	3	3	0	0	0	0	0	
	3	0	0	6	6	0	0	0	0	0	
	0	9	0	5	5	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	5	0	0	0	0	0	
	6	7	8	9	0						
											<b>*TOTALS</b>
Myeloid Cell, Hyperplasia	2	2	2	2			19	2.0			
Lymph Node	+	+	+	+	+		30				
Axillary, Hyperplasia, Lymphoid	2		2	2	2		24	2.2			
Axillary, Infiltration Cellular, Plasma Cell			3				1	3.0			
Inguinal, Hyperplasia, Lymphoid		2	2	2			21	2.0			
Inguinal, Infiltration Cellular, Plasma Cell			3				2	3.0			
Lumbar, Hyperplasia, Lymphoid	2						7	2.1			
Mediastinal, Hyperplasia, Lymphoid							1	2.0			
Popliteal, Hyperplasia, Lymphoid							1	2.0			
Renal, Hyperplasia, Lymphoid							1	2.0			
Thoracic, Hyperplasia, Lymphoid		2					2	2.5			
Lymph Node, Mandibular				+	+	+	15				
Hyperplasia, Lymphoid			2	2	2		13	2.0			
Infiltration Cellular, Plasma Cell			3				4	2.5			
Lymph Node, Mesenteric							2				
Hyperplasia, Lymphoid							1	2.0			
Spleen	+	+	+	+	+		36				
Hematopoietic Cell Proliferation	2	3	3	2	1		36	2.4			
Hyperplasia, Lymphoid							1	2.0			
<b>Integumentary System</b>											
Skin, Control	+	+	+	+	+		36				
Cyst Epithelial Inclusion							2				

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:57  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female NO CREAM0.6 MED	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	3	3	3	3	3	0	0	0	0	0	
	3	0	0	6	6	0	9	0	5	5	
	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	0	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	
	4	4	4	4	4	5	4	4	5	5	
	6	7	8	9	0						
											<b>*TOTALS</b>
Dermis, Inflammation, Granulomatous	2	1	1		1		29				1.1
Hyperplasia, Squamous							1				2.0
Subcut Tiss, Inflammation, Pyogranulomat		3					1				3.0
Tail, Cyst Epithelial Inclusion							3				
Skin, Site of Application	+	+	+	+	+		36				
Acanthosis	2	1	1	1	1		33				1.3
Cyst Epithelial Inclusion							1				
Dermis, Inflammation, Chronic Active							1				4.0
Dermis, Inflammation, Granulomatous	2	2	2	2	2		31				1.9
Epidermis, Inflammation, Chronic Active							1				4.0
Hyperplasia, Squamous			4		3		20				3.3
<b>Musculoskeletal System</b>											
NONE											
<b>Nervous System</b>											
NONE											
<b>Respiratory System</b>											
Lung	+	+	+	+	+		36				
Alveolar Epith, Hyperplasia							2				1.0
Alveolus, Inflammation	2	1	1	1	1		11				1.2
Infiltration Cellular, Lymphocyte							2				2.0
<b>Special Senses System</b>											

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:57  
 First Dose M/F: NA / NA  
 Lab: NCTR

	DAY ON TEST	0	0	0	0	0	
<b>SKH-1/NCTR Mouse Female</b> <b>NO CREAM0.6 MED</b>		3	3	3	3	3	
		3	0	0	6	6	
		0	9	0	5	5	
	ANIMAL ID	0	0	0	0	0	
		3	3	3	3	3	
		0	0	0	0	0	
		4	4	4	4	5	
		6	7	8	9	0	<b>*TOTALS</b>

Harderian Gland 1  
 Urinary System  
 NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:58  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female CTLCREAM0.6 MED	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	2	3	2	3	3	3	3	3	2	2	3	3	3	3	2	3			
	6	6	0	6	3	0	2	1	2	8	8	0	1	1	1	0	8			
	3	7	2	7	2	9	3	1	3	8	8	2	6	6	6	9	3			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9			
	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6			
	3	4	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8			
Axillary, Hyperplasia, Lymphoid		3	4	3		3	3	3	2		3	2	2					10	2.8	
Axillary, Infiltration Cellular, Plasma Cell								3						3			3	3	3.0	
Hyperplasia, Lymphoid						3					2			2				3	2.3	
Inguinal, Hyperplasia, Lymphoid		3	4	3					2	2							2	6	2.7	
Lumbar, Hyperplasia, Lymphoid	2					3					2			2				4	2.3	
Popliteal, Hyperplasia, Lymphoid	2																	1	2.0	
Prefemoral, Hyperplasia, Lymphoid												2						1	2.0	
Lymph Node, Mandibular		+	+					+		+	+	+						6		
Abscess								X										1		
Hyperplasia, Lymphoid		3	2								2	2						4	2.3	
Lymph Node, Mesenteric												+				+		2		
Hyperplasia, Lymphoid											2				2			2	2.0	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Hematopoietic Cell Proliferation	3	2	3	2	2	2	3	2	2		2	3	2	3	3	2	2	3	17	2.4
<b>Integumentary System</b>																				
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Cyst Epithelial Inclusion								X											1	
Dermis, Inflammation, Granulomatous	1		1		1		1	2	1		1	1	1	1	1	1		1	13	1.1
Dermis, Inflammation, Pyogranulomat					3														1	3.0
Epidermis, Inflammation, Chronic Active									4										1	4.0
Hyperplasia, Squamous									4										1	4.0
Tail, Cyst Epithelial Inclusion									X										1	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:58  
 First Dose M/F: NA / NA  
 Lab: NCTR

	DAY ON TEST																			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
<b>SKH-1/NCTR Mouse Female</b>	3	2	3	2	3	3	3	3	3	2	2	3	3	3	3	2	3			
<b>CTLCREAM0.6 MED</b>	6	6	0	6	3	0	2	1	2	8	8	0	1	1	1	0	8	1		
	3	7	2	7	2	9	3	1	3	8	8	2	6	6	6	9	3	6		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	6		
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis	2	3		3	2	2	1	1	1	2	2	2	1	1	1	1	2	17	1.6	
Cyst Epithelial Inclusion													X					1		
Dermis, Inflammation, Granulomatous	2	1		1	2	1	2	2	1		2	2	2	2	1	2	1	2	16	1.6
Dermis, Inflammation, Pyogranulomat														4				1	4.0	
Epidermis, Inflammation, Chronic Active										2				4		3	3	4	3.0	
Hyperplasia, Squamous	3	4	4	4	3	4	4	3	4	3	2	2	4	3	4	4	3	4	18	3.4
<b>Musculoskeletal System</b>																				
NONE																				
<b>Nervous System</b>																				
NONE																				
<b>Respiratory System</b>																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolus, Inflammation				1		1		1	1			1					1	6	1.0	
<b>Special Senses System</b>																				
Eye														+					1	
Lids, Hyperplasia, Squamous														1					1	1.0
<b>Urinary System</b>																				
NONE																				

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:58  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Female	2	3	3	3	3	2	3	3	3	1	3	3	3	3	3	2	2	3
4% AHA 0.6 MED	8	2	3	3	2	8	5	6	3	9	1	3	1	1	0	9	8	1
ANIMAL ID	1	3	0	0	3	1	8	3	2	0	6	7	1	1	2	6	1	6
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8
	<b>*TOTALS</b>																	

**Alimentary System**

Intestine Large, Rectum																			1
Liver																			2
Hematopoietic Cell Proliferation																		3	1 3.0
Infiltration Cellular, Lymphocyte																			1 2.0

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

Clitoral Gland																			1
Inflammation																			3 1 3.0
Ovary																			8
Cyst																			8
Uterus																			1
Endometrium, Hyperplasia, Cystic																			1 1.0

**Hematopoietic System**

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:58  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 4% AHA 0.6 MED	DAY ON TEST																		*TOTALS
	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	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	
Bone Marrow	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	17	
Myeloid Cell, Hyperplasia	2	2			2					2		2	2	2	2		4	9 2.2	
Lymph Node	+	+	+	+	+	+	+	+	+		+	+	+		+	+	+	15	
Axillary, Hyperplasia, Lymphoid			2		3	3	3	2	2	2		3				2	3	2 11 2.5	
Axillary, Infiltration Cellular, Plasma Cell					3				3								3	3 3.0	
Iliac, Hyperplasia, Lymphoid														2				1 2.0	
Inguinal, Hyperplasia, Lymphoid			2	2	3	2	3		2			3	2					9 2.3	
Inguinal, Infiltration Cellular, Plasma Cell			3			3												2 3.0	
Lumbar, Hyperplasia, Lymphoid						2									2			2 2.0	
Lumbar, Infiltration Cellular, Plasma Cell						3									3			2 3.0	
Lymph Node, Mandibular	+		+	+	+	+		+			+			+		+		8	
Hyperplasia, Lymphoid				2	2	3		2			3				2		3	7 2.4	
Infiltration Cellular, Plasma Cell	3				2	3									3		3	5 2.8	
Spleen	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	+	17	
Hematopoietic Cell Proliferation	3	3	2	2	2	2	3	3	1		3	2	2	2	3	3	3	2 17 2.4	
<b>Integumentary System</b>																			
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Dermis, Inflammation, Granulomatous	1	1	2	1	1	1	1	1	1		1	1		1	1	1	1	16 1.1	
Subcut Tiss, Inflammation, Pyogranulomat						3												1 3.0	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis	1	1	1	1		1	1	3	1	1	1	1	1	1	1		1	16 1.1	
Dermis, Inflammation, Granulomatous	2	2	2	2		2	1	2	2		2	2		2	1	1		14 1.7	

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:58  
 First Dose M/F: NA / NA  
 Lab: NCTR

	DAY ON TEST																											
<b>SKH-1/NCTR Mouse Female</b> <b>4% AHA 0.6 MED</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	2	3	3	3	3	2	3	3	3	1	3	3	3	3	3	2	2	3										
	8	2	3	3	2	8	5	6	3	9	1	3	1	1	0	9	8	1										
	1	3	0	0	3	1	8	3	2	0	6	7	1	1	2	6	1	6										
	ANIMAL ID																											
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2										
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9										
	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7										
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	<b>*TOTALS</b>									
Hyperplasia, Squamous	4			4			4			3			3			3		2		4		3		3		10	3.3	
<b>Musculoskeletal System</b>																												
NONE																												
<b>Nervous System</b>																												
NONE																												
<b>Respiratory System</b>																												
Lung	+ + + + + + + + + M + + + + + + + +																	17										
Alveolus, Inflammation	1		2		1		1				2		1				6	1.3										
Hemorrhage	1															1	1.0											
<b>Special Senses System</b>																												
NONE																												
<b>Urinary System</b>																												
NONE																												

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:58  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	ANIMAL ID																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Female	3	3	2	2	3	3	3	3	3	3	2	2	3	1	2	2	2	3	
10% AHA 0.6 MED	3	3	8	8	3	1	2	1	2	3	9	9	0	9	5	3	4	6	
	0	9	1	1	9	6	3	6	3	2	5	5	4	9	4	3	6	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	

**Alimentary System**

Pancreas + 1  
 Accessory Spleen X 1

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

Tissue NOS + 1

**Genital System**

Ovary + + + + + + + + + + + + + + + 18  
 Cyst X X X X X X X X X 8  
 Uterus + + 3  
 Endometrium, Hyperplasia, Cystic 2 3 2 3 2.3

**Hematopoietic System**

Bone Marrow + + + + + + + + + + + + + + + 18  
 Myeloid Cell, Hyperplasia 3 3 2 2 4 3 2 3 3 2 3 2 2 13 2.6  
 Lymph Node + + + + + + + + + + + + + + + 17  
 Axillary, Hyperplasia, Lymphoid 2 3 2 2 3 3 2 3 2 2 3 3 2 13 2.5

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:58  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 10% AHA 0.6 MED	DAY ON TEST																	*TOTALS		
	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		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9		
	9	0	1	1	2	3	4	5	6	7	8	8	9	0	1	2	3	4	5	6
Axillary, Infiltration Cellular, Plasma Cell						3		3	2		3								4	2.8
Axillary, Infiltration Cellular, Polymorphnuclr	3																		1	3.0
Infiltration Cellular, Plasma Cell												3							1	3.0
Inguinal, Hyperplasia, Lymphoid	2		2	2		2		2		2	3	2	2		3	3	3	2	13	2.3
Inguinal, Infiltration Cellular, Plasma Cell	3							2			3								3	2.7
Lumbar, Hyperplasia, Lymphoid							3	2											2	2.5
Lumbar, Infiltration Cellular, Plasma Cell							3	2											2	2.5
Pancreatic, Hyperplasia, Lymphoid																	2		1	2.0
Pancreatic, Infiltration Cellular, Polymorphnuclr																	3		1	3.0
Renal, Hyperplasia, Lymphoid	2							3	2								2		4	2.3
Renal, Infiltration Cellular, Plasma Cell								3	2								3		3	2.7
Renal, Infiltration Cellular, Polymorphnuclr	3																		1	3.0
Thoracic, Hyperplasia, Lymphoid				2															1	2.0
Lymph Node, Mandibular	+	+	+				+	+	+								+		7	
Hyperplasia, Lymphoid	2		2					3	2	2							2		6	2.2
Infiltration Cellular, Plasma Cell				3	3			3	3	3							3		6	3.0
Infiltration Cellular, Polymorphnuclr	3																		1	3.0
Lymph Node, Mesenteric	+															+	+		3	
Hyperplasia, Lymphoid	2															2	3		3	2.3
Infiltration Cellular, Polymorphnuclr	3																		1	3.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Hematopoietic Cell Proliferation	3	2	3	3	2	3	3	4	3	3	3	3	2	2	3	2	2	2	18	2.7

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:59  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	ANIMAL ID																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Female	3	3	2	2	3	3	3	3	3	3	2	2	3	1	2	2	2	3	
10% AHA 0.6 MED	3	3	8	8	3	1	2	1	2	3	9	9	0	9	5	3	4	6	
	0	9	1	1	9	6	3	6	3	2	5	5	4	9	4	3	6	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	7	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	

**Integumentary System**

Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Acanthosis																	2		1 2.0
Dermis, Inflammation, Granulomatous	1	1	1	1	2	1	1	1	1	1	1	1	1		2	1	1	1	17 1.1
Tail, Cyst Epithelial Inclusion												X						X	2
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Abscess				X								X							2
Acanthosis	1		1	3	1	1	1	1	1	2	1	1	1	3	2	1	1	1	17 1.4
Cyst Epithelial Inclusion																X			1
Dermis, Inflammation, Granulomatous	2	2	2	2	2	1	2	2	2	2	2	2		2	2	1	2	17 1.9	
Dermis, Inflammation, Pyogranulomat					4													3	2 3.5
Hyperplasia, Squamous	2		4		4	2	4	4	4	4	4	3		2		4	2	4	14 3.4

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Alveolar Epith, Hyperplasia												1							1 1.0
Alveolus, Inflammation			1		1					1		1				1			5 1.0
Hemorrhage										1									1 1.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:59  
 First Dose M/F: NA / NA  
 Lab: NCTR

	DAY ON TEST																			
<b>SKH-1/NCTR Mouse Female</b> <b>10% AHA 0.6 MED</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	2	2	3	3	3	3	3	2	2	3	1	2	2	2	2	3		
	3	3	8	8	3	1	2	1	2	3	9	9	0	9	5	3	4	6		
	0	9	1	1	9	6	3	6	3	2	5	5	4	9	4	3	6	5		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9		
	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9		
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	<b>*TOTALS</b>	
Infiltration Cellular, Lymphocyte				1										2	1			3	1.3	
Peribronchial, Inflammation					3													1	3.0	
<b>Special Senses System</b>																				
Eye																			+	1
Cataract																			X	1
<b>Urinary System</b>																				
Kidney																			+	1
Inflammation, Suppurative																			4	1 4.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked





Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:59  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Female	3	3	3	3	3	3	3	3	2	3	2	3	3	3	3	3	3	2	
2% BHA 0.6 MED	4	3	6	6	6	0	3	3	9	1	8	6	6	2	6	0	2	6	
	4	7	4	4	5	9	0	0	5	6	1	5	3	3	4	2	3	7	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	1	2	3	4
	*TOTALS																		

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Myeloid Cell, Hyperplasia				2			2	3							2	2			5 2.2
Lymph Node	+	+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	16
Axillary, Hyperplasia, Lymphoid			2	3	2			2	2	2	2			2	2		2		10 2.1
Axillary, Infiltration Cellular, Plasma Cell							3							2					2 2.5
Deep Cervical, Hyperplasia, Lymphoid		2																	1 2.0
Inguinal, Hyperplasia, Lymphoid		2	2	3	2		2	2	2		2	2	2		2	2			12 2.1
Lumbar, Hyperplasia, Lymphoid					2														1 2.0
Renal, Hyperplasia, Lymphoid											2								1 2.0
Thoracic, Hyperplasia, Lymphoid		2														2			2 2.0
Lymph Node, Mandibular				+	+	+				+	+			+					6
Hyperplasia, Lymphoid				3	2	2				2	2								5 2.2
Infiltration Cellular, Plasma Cell															3				1 3.0
Lymph Node, Mesenteric											+					+			2
Hyperplasia, Lymphoid											2					2			2 2.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Hematopoietic Cell Proliferation	2	3	3		2	2	2	2	2	2	3	2	2	3	2	3	2	3	17 2.4

**Integumentary System**

Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Cyst Epithelial Inclusion	X									X									2
Dermis, Inflammation, Granulomatous	1	1	1		1	1	1	1	1		1	1	1	1	1		1	1	15 1.0

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:59  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 2% BHA 0.6 MED	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	3	3	2	3	2	3	3	3	3	3	3	2	
	4	3	6	6	6	0	3	3	9	1	8	6	6	2	6	0	2	6	
	4	7	4	4	5	9	0	0	5	6	1	5	3	3	4	2	3	7	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	9	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	
Tail, Cyst Epithelial Inclusion			X									X						2	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis	1	1	1	1		1	1	2		1		1	1	1	2	1	2	15 1.2	
Cyst Epithelial Inclusion	X												X					2	
Dermis, Inflammation, Granulomatous	1	2	2		2	2	2	2	1	2		2	2	1	2		1	2	15 1.7
Dermis, Inflammation, Pyogranulomat								3											1 3.0
Epidermis, Inflammation, Chronic Active				3			3								3				3 3.0
Hyperplasia, Squamous		2	4	4	3	2	3	4		3		4	4	3	3	4	4	4	15 3.4
<b>Musculoskeletal System</b>																			
NONE																			
<b>Nervous System</b>																			
NONE																			
<b>Respiratory System</b>																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Alveolar Epith, Hyperplasia			2				1												2 1.5
Alveolus, Inflammation	2	2				1	1		1	2									6 1.5
Infiltration Cellular, Lymphocyte															2				1 2.0
<b>Special Senses System</b>																			
Eye																+			1
<b>Urinary System</b>																			

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:59  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST																			
<b>SKH-1/NCTR Mouse Female</b> <b>2% BHA 0.6 MED</b>		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	2	3	2	3	3	3	3	3	3	3	2	
		4	3	6	6	6	0	3	3	9	1	8	6	6	2	6	0	2	6		
		4	7	4	4	5	9	0	0	5	6	1	5	3	3	4	2	3	7		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
		9	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		9	9	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1		
		7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	1	2	3	<b>*TOTALS</b>	
Kidney																				+	1

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked



Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:12:59  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Female	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0
4% BHA 0.6 MED	6	3	8	3	5	0	2	6	6	5	6	1	0	6	6	6	6	3
	3	0	1	9	8	3	3	3	4	1	5	1	2	3	4	4	5	6
ANIMAL ID	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
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
																		*TOTALS

**Hematopoietic System**

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Myeloid Cell, Hyperplasia		2	2	2	2			2		2	2				2	2	2	3	11 2.1
Lymph Node	+	+	+	+	+			+	+	+	+	+	+	+	+	+	+	+	15
Axillary, Hyperplasia, Lymphoid		3		2	2	3		2						2	3	2	2		9 2.3
Axillary, Infiltration Cellular, Plasma Cell									2									4	2 3.0
Inguinal, Hyperplasia, Lymphoid		3			2					2	2			2	2				6 2.2
Lumbar, Hyperplasia, Lymphoid				2															1 2.0
Mediastinal, Hyperplasia, Lymphoid															3				1 3.0
Mediastinal, Infiltration Cellular, Plasma Cell			4															4	2 4.0
Renal, Hyperplasia, Lymphoid					2														1 2.0
Renal, Infiltration Cellular, Plasma Cell			4																1 4.0
Lymph Node, Mandibular		+	+		+			+		+					+		+		7
Hyperplasia, Lymphoid		3			2			2											3 2.3
Infiltration Cellular, Plasma Cell				4						2					2		3		4 2.8
Lymph Node, Mesenteric			+												+				2
Abscess			X																1
Infiltration Cellular, Polymorphnuclr															3				1 3.0
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Hematopoietic Cell Proliferation	1	2	3	3	1	2	2	2	2	2	2	2	3	1	2	2	2	3	18 2.1

**Integumentary System**

Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
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\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:13:00  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female 4% BHA 0.6 MED	DAY ON TEST																		*TOTALS
	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	
	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0	
	6	3	8	3	5	0	2	6	6	5	6	1	0	6	6	6	6	3	
	3	0	1	9	8	3	3	3	4	1	5	1	2	3	4	4	5	6	
	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	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	3	3	3	
	5	6	7	8	9	0	1	2	2	3	4	5	6	7	8	9	0	1	
Abscess																		X	
Dermis, Inflammation, Granulomatous	1	2		1	1	1	1	1	2	1	1	1	1	1	1	1	1		
Dermis, Inflammation, Pyogranulomat				4															
Epidermis, Necrosis				4															
Tail, Cyst Epithelial Inclusion						X		X					X	X		X			
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Abscess																		X	
Acanthosis	1	1	2	2	1	1	1	1		2	1	1	1	1	1	2	2	2	
Cyst Epithelial Inclusion																		X	
Dermis, Inflammation, Granulomatous	2	2		2	2	1	2	2	2	2	2	1	1	2	2	1			
Epidermis, Inflammation, Chronic Active			4																
Hyperplasia, Squamous			4		3	3		2	2	3	2	2		2	4	3			
<b>Musculoskeletal System</b>																			
NONE																			
<b>Nervous System</b>																			
NONE																			
<b>Respiratory System</b>																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolus, Inflammation					1	1													
Infiltration Cellular, Lymphocyte	1								1										
Peribronchial, Inflammation														2					

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade  
 + ..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  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:13:00  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST																			
<b>SKH-1/NCTR Mouse Female</b> <b>4% BHA 0.6 MED</b>		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	3	3	3	3	3	0	
		6	3	8	3	5	0	2	6	6	5	6	1	0	6	6	6	6	6	3	
		3	0	1	9	8	3	3	3	4	1	5	1	2	3	4	4	5	6	6	
	ANIMAL ID	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	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	
		5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2		<b>*TOTALS</b>

**Special Senses System**

Eye + 1  
 Cataract X 1

**Urinary System**

NONE

\* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..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

2) Mild 4) Marked





Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:13:00  
 First Dose M/F: NA / NA  
 Lab: NCTR

SKH-1/NCTR Mouse Female NO CREAM0.9 MED	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		
ANIMAL ID	1	2	2	2	2	2	3	2	2	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2		
	9	9	6	4	9	3	1	2	6	0	1	1	6	3	9	0	9	3	4	9	8	2	6	8	3	2	9	9	6	6	3
	2	8	7	6	8	4	1	5	0	9	1	1	9	3	0	3	0	2	6	7	1	1	7	1	2	5	0	0	0	9	9
Ovary	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cyst	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
Uterus	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	4
Dilatation	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	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	1
Ovary					+	+				+	+				+								+	+							+
Cyst				X		X				X	X										X	X			X	X				X	X
Uterus										+	+										+										
Dilatation									X										X												
<b>Hematopoietic System</b>																															
Bone Marrow	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Myeloid Cell, Hyperplasia		2	2	2		2	3	3	2		3	2	3		3	2	2	2		2	2	2	2	3	3	3	2	2	2	2	
Lymph Node		+	+	+	+		+	+	+	+	+	+	+	+		+	+	+	+	+		+	+	+		+	+		+		
Axillary, Hyperplasia, Lymphoid				2		3		2		2		2	3		3	2		2	2		2	2		2	2	3	2		2		
Axillary, Infiltration Cellular, Plasma Cell				2			3		4														3								
Deep Cervical, Hyperplasia, Lymphoid													2																		
Inguinal, Hyperplasia, Lymphoid		3	2		3					2		3	2	2		3			2	2		2	2		2	2		2	2	2	
Inguinal, Infiltration Cellular, Plasma Cell		3	2							3									3												
Lumbar, Hyperplasia, Lymphoid							3		2		2								2					2						2	
Lumbar, Infiltration Cellular, Plasma Cell																							3								
Mediastinal, Hyperplasia, Lymphoid							3																								
Renal, Hyperplasia, Lymphoid				3			3					2			2	2														2	
Renal, Infiltration Cellular, Plasma Cell																							3								
Thoracic, Hyperplasia, Lymphoid									2																						
Thoracic, Infiltration Cellular, Plasma Cell																							3								
Lymph Node, Mandibular		+			+		+	+						+		+		+	+				+			+	+				
Hyperplasia, Lymphoid		3						3						2		2		2	2				2								

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 + ..Tissue examined microscopically  
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 I ..Insufficient tissue  
 M ..Missing tissue  
 A ..Autolysis precludes evaluation  
 BLANK ..Not examined microscopically  
 1-4 ..Lesion qualified as:  
 1) Minimal 3) Moderate  
 2) Mild 4) Marked

Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:13:00  
 First Dose M/F: NA / NA  
 Lab: NCTR

DAY ON TEST	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					
<b>SKH-1/NCTR Mouse Female</b>	1	2	2	2	2	2	3	2	2	3	3	3	2	2	2	3	2	2	2	2	2	2	2	3	2	2	2	2	2					
<b>NO CREAM0.9 MED</b>	9	9	6	4	9	3	1	2	6	0	1	1	6	3	9	0	9	3	4	9	8	2	6	8	3	2	9	9	6	6	3			
	2	8	7	6	8	4	1	5	0	9	1	1	9	3	0	3	0	2	6	7	1	1	7	1	2	5	0	0	0	9	9			
	0	0	0	0	0	0	0	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				
	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				
	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				
	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				
Infiltration Cellular, Plasma Cell	3			3																											3		3	
Lymph Node, Mesenteric																									+									
Hyperplasia, Lymphoid																									3									
Spleen	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Hematopoietic Cell Proliferation	3	4	2	4	2	3	3	3	4	4	3	3	3	2	3	3	3	2	3	4	3	3	3	3	3	4	3	3	2	3				
<b>Integumentary System</b>																																		
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Cyst Epithelial Inclusion				X																											X			
Dermis, Inflammation, Granulomatous	2	1		2	1	1		1	1	1	1	1	1	1		2	1		1	1	1	1	1	1		1	1	1	1					
Hyperplasia, Squamous																									3									
Subcut Tiss, Inflammation, Pyogranulomat																									3									
Tail, Cyst Epithelial Inclusion											X																							
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				
Abscess											X																							
Acanthosis	3	2	1	2	1	2	1	1	1	1	1	2	1	1	1	1	1		1	1		1	1	1	1	1	1	1	2	1	1			
Cyst Epithelial Inclusion															X																			
Dermis, Inflammation, Granulomatous	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	1	2	1	1	2	1	1	2	2	2	1	2	2	2	2				
Epidermis, Inflammation, Chronic Active																									3									
Hyperplasia, Squamous	4		4		4		3								3		4		2							2	4		4					
Subcut Tiss, Inflammation, Pyogranulomat											2																							
<b>Musculoskeletal System</b>																																		
Bone															+																			

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Experiment Number: 97010-02  
 Test Type: 1-YEAR  
 Species/Strain: Mouse/SKH-1/NCTR

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)  
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/16/2014  
 Time Report Requested: 05:13:01  
 First Dose M/F: NA / NA  
 Lab: NCTR

		DAY ON TEST					
<b>SKH-1/NCTR Mouse Female</b>		0	0	0	0	0	
		3	2	2	2	2	
		1	7	3	9	9	
		1	6	9	7	7	
		0	0	0	0	0	
<b>NO CREAM0.9 MED</b>	ANIMAL ID	3	3	3	3	3	
		4	4	4	4	4	
		7	7	7	7	7	
		2	3	4	5	6	
							<b>*TOTALS</b>

**Alimentary System**

Liver		+	4	
Abscess				1
Hematopoietic Cell Proliferation		2	2	2.0
Infiltration Cellular, Lymphocyte			1	1.0
Mesentery			1	
Fat, Necrosis				1
Pancreas			1	
Accessory Spleen				1

**Cardiovascular System**

NONE

**Endocrine System**

Pituitary Gland			1	
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**General Body System**

NONE

**Genital System**

Clitoral Gland			4	
Duct, Dilatation				2
Duct, Ectasia			2	3.0
Inflammation			1	2.0

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SKH-1/NCTR Mouse Female NO CREAM0.9 MED	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	3	2	2	2	2						
	1	7	3	9	9						
	1	6	9	7	7						
	0	0	0	0	0						
	3	3	3	3	3						
	4	4	4	4	4						
	7	7	7	7	7						
	2	3	4	5	6						
											<b>*TOTALS</b>
Ovary			+								12
Cyst			X								11
Uterus											3
Dilatation											2
<b>Hematopoietic System</b>											
Bone Marrow		+	+	+	+	+					35
Myeloid Cell, Hyperplasia		2		2	2						27 2.3
Lymph Node		+	+	+	+	+					29
Axillary, Hyperplasia, Lymphoid		2	3	2							19 2.3
Axillary, Infiltration Cellular, Plasma Cell		2									5 2.8
Deep Cervical, Hyperplasia, Lymphoid					2						2 2.0
Inguinal, Hyperplasia, Lymphoid		2		2	3						18 2.3
Inguinal, Infiltration Cellular, Plasma Cell		2		3							6 2.7
Lumbar, Hyperplasia, Lymphoid			3	2	2	3					10 2.3
Lumbar, Infiltration Cellular, Plasma Cell											1 3.0
Mediastinal, Hyperplasia, Lymphoid											1 3.0
Renal, Hyperplasia, Lymphoid											6 2.3
Renal, Infiltration Cellular, Plasma Cell											1 3.0
Thoracic, Hyperplasia, Lymphoid					2						2 2.0
Thoracic, Infiltration Cellular, Plasma Cell											1 3.0
Lymph Node, Mandibular			+	+	+						14
Hyperplasia, Lymphoid			3		2						9 2.3

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	0	0	0	0	0			
	3	2	2	2	2			
	1	7	3	9	9			
	1	6	9	7	7			
	0	0	0	0	0			
	3	3	3	3	3			
	4	4	4	4	4			
	7	7	7	7	7			
	2	3	4	5	6			
							<b>*TOTALS</b>	
Infiltration Cellular, Plasma Cell		3	3	2			7	2.9
Lymph Node, Mesenteric							1	
Hyperplasia, Lymphoid							1	3.0
Spleen		+	+	+	+	+	35	
Hematopoietic Cell Proliferation		3	3	3	3	3	35	3.0
<b>Integumentary System</b>								
Skin, Control		+	+	+	+	+	36	
Cyst Epithelial Inclusion							2	
Dermis, Inflammation, Granulomatous		1	1	1	1	1	30	1.1
Hyperplasia, Squamous							1	3.0
Subcut Tiss, Inflammation, Pyogranulomat							1	3.0
Tail, Cyst Epithelial Inclusion							1	
Skin, Site of Application		+	+	+	+	+	36	
Abscess				X			2	
Acanthosis		2	2	2	2	2	34	1.4
Cyst Epithelial Inclusion							2	
Dermis, Inflammation, Granulomatous		2	2	2	2	2	36	1.8
Epidermis, Inflammation, Chronic Active							1	3.0
Hyperplasia, Squamous		4	4				12	3.5
Subcut Tiss, Inflammation, Pyogranulomat							2	2.0
<b>Musculoskeletal System</b>								
Bone							2	

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	0	0	0	0	0						
	3	2	2	2	2	0					
	1	7	3	9	9	0					
	1	6	9	7	7	0					
	0	0	0	0	0	0					
	3	3	3	3	3	0					
	4	4	4	4	4	0					
	7	7	7	7	7	0					
	2	3	4	5	6	0					
											<b>*TOTALS</b>
Fracture											1
Skeletal Muscle											1
Cyst											1
<b>Nervous System</b>											
NONE											
<b>Respiratory System</b>											
Lung		+	+	+	+	+					35
Alveolus, Inflammation		1	1			1					14 1.1
Hemorrhage											1 1.0
Infiltration Cellular, Lymphocyte											1 1.0
Peribronchial, Inflammation											1 3.0
<b>Special Senses System</b>											
Eye											3
Cataract											2
Cornea, Inflammation											1 2.0
<b>Urinary System</b>											
NONE											

**\*\* END OF REPORT \*\***

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