

Version: Jun2013  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

**Toxicology Data Management System**  
Tumor Incidence for Selected Control Animal Groups  
Route: SKIN  
Vehicle: ETHANOL

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**Study Summary**

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
<b>Male</b>							
Southern Research Institute	059500306	04/26/04	729	50(1)	34(694)	54.6	Methyl trans-styryl ketone
Battelle Columbus Laboratory	059903204	09/21/04	729	50(1)	37(698)	56.4	Pyrogallol
<b>Female</b>							
Southern Research Institute	059500306	04/26/04	731	50(1)	37(709)	64.6	Methyl trans-styryl ketone
Battelle Columbus Laboratory	059903204	09/20/04	729	50(1)	33(675)	69.3	Pyrogallol

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		Male			Female		
<b>#All Organs:</b>							
<b>Benign Tumors</b>							
		37/50 (74%)	42/50 (84%)		33/50 (66%)	34/50 (68%)	
<b>Overall Incidence</b>	Total	79/100 (79%)	Mean 79%	SD 7.07%	Total	67/100 (67%)	Mean 67% SD 1.41%
.....							
<b>#All Organs:</b>							
<b>Malignant Tumors</b>							
		37/50 (74%)	33/50 (66%)		42/50 (84%)	34/50 (68%)	
<b>Overall Incidence</b>	Total	70/100 (70%)	Mean 70%	SD 5.66%	Total	76/100 (76%)	Mean 76% SD 11.31%
.....							
<b>#All Organs:</b>							
<b>Malignant and Benign Tumors</b>							
		49/50 (98%)	47/50 (94%)		48/50 (96%)	42/50 (84%)	
<b>Overall Incidence</b>	Total	96/100 (96%)	Mean 96%	SD 2.83%	Total	90/100 (90%)	Mean 90% SD 8.49%
.....							
<b>#All Organs:</b>							
<b>Hemangioma</b>							
		1/50 (2%)	1/50 (2%)		0/50 (0%)	1/50 (2%)	
<b>Overall Incidence</b>	Total	2/100 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
<b>#All Organs:</b>							
<b>Hemangiosarcoma</b>							
		6/50 (12%)	5/50 (10%)		5/50 (10%)	6/50 (12%)	
<b>Overall Incidence</b>	Total	11/100 (11%)	Mean 11%	SD 1.41%	Total	11/100 (11%)	Mean 11% SD 1.41%
.....							
<b>#All Organs:</b>							
<b>Hemangiosarcoma or Hemangioma</b>							
		7/50 (14%)	6/50 (12%)		5/50 (10%)	7/50 (14%)	
<b>Overall Incidence</b>	Total	13/100 (13%)	Mean 13%	SD 1.41%	Total	12/100 (12%)	Mean 12% SD 2.83%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

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		Male				Female			
<b>#All Organs:</b>									
<b>Histiocytic Sarcoma</b>									
		0/50	(0%)	1/50	(2%)	1/50	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	1/100	(1%)	Mean 1%
.....									
<b>#All Organs:</b>									
<b>Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type</b>									
		4/50	(8%)	2/50	(4%)	20/50	(40%)	13/50	(26%)
<b>Overall Incidence</b>	Total	6/100	(6%)	Mean 6%	SD 2.83%	Total	33/100	(33%)	Mean 33%
.....									
<b>#All Organs:</b>									
<b>Mesothelioma: Benign</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
.....									
<b>#All Organs:</b>									
<b>Mesothelioma: Benign, Malignant, NOS</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
.....									
<b>#All Organs:</b>									
<b>Mesothelioma: Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
.....									
<b>#All Organs:</b>									
<b>Osteoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%

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		Male				Female			
<b>#All Organs:</b>									
<b>Osteosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#All Organs:</b>									
<b>Osteosarcoma or Osteoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>*Adrenal Cortex:</b>									
<b>Adenoma</b>									
		6/50	(12%)	9/50	(18%)	0/50	(0%)	1/50	(2%)
<b>Overall Incidence</b>	Total	15/100	(15%)	Mean 15%	SD 4.24%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
<b>*Adrenal Cortex:</b>									
<b>Plasma Cell Tumor Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>*Adrenal Medulla:</b>									
<b>Pheochromocytoma Benign</b>									
		0/49	(0%)	0/50	(0%)	0/50	(0%)	2/50	(4%)
<b>Overall Incidence</b>	Total	0/99	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2% SD 2.83%
.....									
<b>*Adrenal Medulla:</b>									
<b>Pheochromocytoma Malignant</b>									
		0/49	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/99	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1% SD 1.41%

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	Male				Female			
<b>*Adrenal Medulla:</b>								
<b>  Pheochromocytoma: Benign, Complex, Malignant, NOS</b>								
		0/49 (0%)	0/50 (0%)		1/50 (2%)	2/50 (4%)		
<b>Overall Incidence</b>	Total	0/99 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%
.....								
<b>#Blood Vessel:</b>								
<b>  Hemangioma</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
<b>*Bone Marrow:</b>								
<b>  Hemangioma</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
<b>*Bone Marrow:</b>								
<b>  Hemangiosarcoma</b>								
		0/50 (0%)	0/50 (0%)		1/50 (2%)	3/50 (6%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 2.83%
.....								
<b>*Bone Marrow:</b>								
<b>  Mast Cell Tumor Malignant</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
<b>*Bone Marrow:</b>								
<b>  Plasma Cell Tumor Malignant</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

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		Male				Female				
<b>*Bone Marrow:</b>										
<b>Sarcoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
<b>#Bone:</b>										
<b>Fibroma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
<b>#Bone:</b>										
<b>Hemangiosarcoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	3/50 (6%)	Mean 3%	SD 4.24%
		0/100 (0%)					3/100 (3%)			
<b>#Bone:</b>										
<b>Osteoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
<b>#Bone:</b>										
<b>Osteosarcoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
<b>#Bone:</b>										
<b>Osteosarcoma or Osteoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			

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#: Denominator is number of animals necropsied

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		Male				Female					
<b>#Bone:</b>											
<b>Sarcoma</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>*Brain:</b>											
<b>Granular Cell Tumor Benign</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>*Brain:</b>											
<b>Meningioma Benign</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>*Brain:</b>											
<b>Meningioma Malignant</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>*Brain:</b>											
<b>Meningioma: Benign, Malignant, NOS</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>*Brain:</b>											
<b>Oligodendroglioma Malignant</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

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#: Denominator is number of animals necropsied

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		Male				Female			
<b>*Brain:</b>									
<b>Oligodendroglioma, Glioma, or Astrocytoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>*Brain:</b>									
<b>Schwannoma Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>*Clitoral/Preputial Gland:</b>									
<b>Hemangioma</b>									
		0/50	(0%)	1/50	(2%)	0/48	(0%)	0/49	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/97	(0%)	Mean 0% SD 0%
.....									
<b>*Clitoral/Preputial Gland:</b>									
<b>Hemangiosarcoma</b>									
		0/50	(0%)	1/50	(2%)	0/48	(0%)	0/49	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/97	(0%)	Mean 0% SD 0%
.....									
<b>#Coagulating Gland:</b>									
<b>Granular Cell Tumor</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Coagulating Gland:</b>									
<b>Sarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

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		Male				Female			
<b>#Esophagus:</b>									
<b>Squamous Cell Carcinoma</b>									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
<b>#Eye:</b>									
<b>Melanoma Malignant</b>									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
<b>#Harderian Gland:</b>									
<b>Adenoma</b>									
		2/50 (4%)	6/50 (12%)		4/50 (8%)	1/50 (2%)			
<b>Overall Incidence</b>	Total	8/100 (8%)	Mean 8%	SD 5.66%	Total	5/100 (5%)	Mean 5%	SD 4.24%	
.....									
<b>#Harderian Gland:</b>									
<b>Carcinoma</b>									
		1/50 (2%)	2/50 (4%)		0/50 (0%)	2/50 (4%)			
<b>Overall Incidence</b>	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	2/100 (2%)	Mean 2%	SD 2.83%	
.....									
<b>#Harderian Gland:</b>									
<b>Carcinoma or Adenoma</b>									
		3/50 (6%)	8/50 (16%)		4/50 (8%)	3/50 (6%)			
<b>Overall Incidence</b>	Total	11/100 (11%)	Mean 11%	SD 7.07%	Total	7/100 (7%)	Mean 7%	SD 1.41%	
.....									
<b>*Heart:</b>									
<b>Hemangiosarcoma</b>									
		1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%	

\*: Denominator is number of animals with tissues examined microscopically

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		Male				Female					
<b>#Intestine Large: Cecum:</b>											
<b>Adenoma</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Intestine Large: Cecum:</b>											
<b>Carcinoma</b>											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Intestine Large: Cecum:</b>											
<b>Carcinoma or Adenoma</b>											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Intestine Large: Cecum:</b>											
<b>Leiomyoma</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Intestine Large: Cecum:</b>											
<b>Leiomyosarcoma</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Intestine Large: Colon/Rectum:</b>											
<b>Leiomyosarcoma</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	

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		Male				Female			
<b>#Intestine Small: Duodenum:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Intestine Small: Duodenum:</b>									
<b>Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%
									SD 1.41%
.....									
<b>#Intestine Small: Duodenum:</b>									
<b>Leiomyosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Intestine Small: Duodenum:</b>									
<b>Polyp Adenomatous</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Intestine Small: Ileum:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Intestine Small: Ileum:</b>									
<b>Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>#Intestine Small: Ileum:</b>									
<b>Polyp Adenomatous</b>									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Jejunum:</b>									
<b>Adenoma</b>									
		1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Jejunum:</b>									
<b>Carcinoma</b>									
		1/50 (2%)	1/50 (2%)		0/50 (0%)	1/50 (2%)			
<b>Overall Incidence</b>	Total	2/100 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
<b>#Intestine Small: Jejunum:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
<b>#Intestine Small: Jejunum:</b>									
<b>Leiomyosarcoma</b>									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
<b>#Intestine Small: Site Unspecified:</b>									
<b>Adenoma</b>									
		1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%	

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female					
<b>#Intestine Small: Site Unspecified: Carcinoma</b>											
		1/50	(2%)	1/50	(2%)			1/50	(2%)	1/50	(2%)
<b>Overall Incidence</b>	Total	2/100	(2%)	Mean 2%	SD 0%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
<b>#Intestine Small: Site Unspecified: Carcinoma or Adenoma</b>											
		2/50	(4%)	1/50	(2%)			1/50	(2%)	1/50	(2%)
<b>Overall Incidence</b>	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
<b>#Intestine Small: Site Unspecified: Hemangiosarcoma</b>											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
<b>#Intestine Small: Site Unspecified: Leiomyosarcoma</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Intestine Small: Site Unspecified: Polyp Adenomatous</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>*Islets, Pancreatic: Adenoma</b>											
		2/50	(4%)	1/50	(2%)			0/50	(0%)	1/50	(2%)
<b>Overall Incidence</b>	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	1/100	(1%)	Mean 1%	SD 1.41%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female					
<b>*Islets, Pancreatic:</b>											
<b>  Carcinoma</b>											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>*Islets, Pancreatic:</b>											
<b>  Carcinoma or Adenoma</b>											
		2/50	(4%)	2/50	(4%)			0/50	(0%)	1/50	(2%)
<b>Overall Incidence</b>	Total	4/100	(4%)	Mean 4%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
<b>*Kidney: Pelvis and Transitional Epithelium:</b>											
<b>  Carcinoma</b>											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
<b>*Kidney: Pelvis and Transitional Epithelium:</b>											
<b>  Carcinoma or Adenoma</b>											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
<b>*Kidney: Renal Tubule:</b>											
<b>  Adenoma</b>											
		1/48	(2%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/98	(1.02%)	Mean 1.04%	SD 1.47%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
<b>*Kidney: Renal Tubule:</b>											
<b>  Carcinoma</b>											
		0/48	(0%)	0/50	(0%)			0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Kidney: Renal Tubule: Carcinoma or Adenoma</b>									
		1/48	(2%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/98	(1.02%)	Mean 1.04%	SD 1.47%	Total	0/99	(0%)	Mean 0%
									SD 0%
<b>*Kidney: Renal Tubule: Hemangioma</b>									
		0/48	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%
									SD 0%
<b>*Kidney: Renal Tubule: Hemangiosarcoma</b>									
		0/48	(0%)	0/50	(0%)	0/49	(0%)	1/50	(2%)
<b>Overall Incidence</b>	Total	0/98	(0%)	Mean 0%	SD 0%	Total	1/99	(1.01%)	Mean 1%
									SD 1.41%
<b>*Kidney: Renal Tubule: Plasma Cell Tumor Malignant</b>									
		0/48	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/98	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%
									SD 0%
<b>*Kidney: Renal Tubule: Sarcoma</b>									
		0/48	(0%)	0/50	(0%)	1/49	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/98	(0%)	Mean 0%	SD 0%	Total	1/99	(1.01%)	Mean 1.02%
									SD 1.44%
<b>*Liver: Hemangioma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Liver:</b>									
<b>Hemangiosarcoma</b>									
		4/50 (8%)	3/50 (6%)		1/50 (2%)	1/50 (2%)			
<b>Overall Incidence</b>	Total	7/100 (7%)	Mean 7%	SD 1.41%	Total	2/100 (2%)	Mean 2%	SD 0%	
.....									
<b>*Liver:</b>									
<b>Hepatoblastoma</b>									
		1/50 (2%)	4/50 (8%)		0/50 (0%)	1/50 (2%)			
<b>Overall Incidence</b>	Total	5/100 (5%)	Mean 5%	SD 4.24%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Adenoma</b>									
		31/50 (62%)	39/50 (78%)		30/50 (60%)	30/50 (60%)			
<b>Overall Incidence</b>	Total	70/100 (70%)	Mean 70%	SD 11.31%	Total	60/100 (60%)	Mean 60%	SD 0%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Carcinoma</b>									
		28/50 (56%)	20/50 (40%)		23/50 (46%)	17/50 (34%)			
<b>Overall Incidence</b>	Total	48/100 (48%)	Mean 48%	SD 11.31%	Total	40/100 (40%)	Mean 40%	SD 8.49%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Carcinoma or Hepatoblastoma</b>									
		29/50 (58%)	21/50 (42%)		23/50 (46%)	18/50 (36%)			
<b>Overall Incidence</b>	Total	50/100 (50%)	Mean 50%	SD 11.31%	Total	41/100 (41%)	Mean 41%	SD 7.07%	
.....									
<b>*Liver:</b>									
<b>Hepatocellular Carcinoma or Hepatocellular Adenoma</b>									
		45/50 (90%)	43/50 (86%)		38/50 (76%)	35/50 (70%)			
<b>Overall Incidence</b>	Total	88/100 (88%)	Mean 88%	SD 2.83%	Total	73/100 (73%)	Mean 73%	SD 4.24%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: SKIN  
 Vehicle: ETHANOL

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	Male				Female			
<b>*Liver:</b>								
<b>Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma</b>								
		45/50 (90%)	43/50 (86%)		38/50 (76%)	35/50 (70%)		
<b>Overall Incidence</b>	Total	88/100 (88%)	Mean 88%	SD 2.83%	Total	73/100 (73%)	Mean 73%	SD 4.24%
.....								
<b>*Liver:</b>								
<b>Hepatocholangiocarcinoma</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
<b>*Liver:</b>								
<b>Hepatocholangioma</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
<b>*Liver:</b>								
<b>Ito Cell Tumor Benign</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
<b>*Liver:</b>								
<b>Mast Cell Tumor Malignant</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
<b>*Liver:</b>								
<b>Plasma Cell Tumor Malignant</b>								
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Liver:</b>									
<b>Sarcoma</b>									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
<b>*Lung:</b>									
<b>Alveolar/Bronchiolar Adenoma</b>									
		8/50 (16%)	12/50 (24%)			1/50 (2%)	2/50 (4%)		
<b>Overall Incidence</b>	Total	20/100 (20%)	Mean 20%	SD 5.66%	Total	3/100 (3%)	Mean 3%	SD 1.41%	
.....									
<b>*Lung:</b>									
<b>Alveolar/Bronchiolar Carcinoma</b>									
		7/50 (14%)	4/50 (8%)			3/50 (6%)	2/50 (4%)		
<b>Overall Incidence</b>	Total	11/100 (11%)	Mean 11%	SD 4.24%	Total	5/100 (5%)	Mean 5%	SD 1.41%	
.....									
<b>*Lung:</b>									
<b>Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma</b>									
		14/50 (28%)	15/50 (30%)			4/50 (8%)	4/50 (8%)		
<b>Overall Incidence</b>	Total	29/100 (29%)	Mean 29%	SD 1.41%	Total	8/100 (8%)	Mean 8%	SD 0%	
.....									
<b>*Lung:</b>									
<b>Hemangiosarcoma</b>									
		0/50 (0%)	0/50 (0%)			1/50 (2%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
<b>*Lung:</b>									
<b>Plasma Cell Tumor Malignant</b>									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>#Lymph Node:</b>									
<b>Plasma Cell Tumor Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Lymph Node, Bronchial:</b>									
<b>Hemangiosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Lymph Node, Mandibular:</b>									
<b>Hemangiosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Lymph Node, Mandibular:</b>									
<b>Mast Cell Tumor Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Lymph Node, Mandibular:</b>									
<b>Plasma Cell Tumor Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Lymph Node, Mediastinal:</b>									
<b>Mast Cell Tumor Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>#Lymph Node, Mesenteric: Hemangiosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Lymph Node, Mesenteric: Plasma Cell Tumor Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Mammary Gland: Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Mammary Gland: Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2% SD 2.83%
.....									
<b>#Mammary Gland: Carcinoma or Adenoma</b>									
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2% SD 2.83%
.....									
<b>#Mammary Gland: Fibroadenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
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**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>#Mammary Gland:</b>									
<b>Fibroma, Fibroadenoma or Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Mammary Gland:</b>									
<b>Fibroma, Fibroadenoma, Carcinoma, or Adenoma</b>									
		0/50	(0%)	0/50	(0%)	2/50	(4%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2%
									SD 2.83%
.....									
<b>#Mesentery:</b>									
<b>Hemangioma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Mesentery:</b>									
<b>Hemangiosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Mesentery:</b>									
<b>Lipoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>#Mesentery:</b>									
<b>Sarcoma</b>									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%
									SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Nose:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>*Nose:</b>									
<b>Hemangiosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):</b>									
<b>Papilloma Squamous or Papilloma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):</b>									
<b>Squamous Cell Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva):</b>									
<b>Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Oral Mucosa:</b>									
<b>Squamous Cell Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: SKIN  
 Vehicle: ETHANOL

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	Male	Female
<b>*Ovary:</b>		
<b>Choriocarcinoma</b>		
	0/49 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total 0/99 (0%)	Mean 0% SD 0%
<b>*Ovary:</b>		
<b>Cystadenocarcinoma</b>		
	0/49 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total 0/99 (0%)	Mean 0% SD 0%
<b>*Ovary:</b>		
<b>Cystadenoma</b>		
	1/49 (2%)	2/50 (4%)
<b>Overall Incidence</b>	Total 3/99 (3.03%)	Mean 3.02% SD 1.39%
<b>*Ovary:</b>		
<b>Granulosa Cell Tumor Benign</b>		
	0/49 (0%)	1/50 (2%)
<b>Overall Incidence</b>	Total 1/99 (1.01%)	Mean 1% SD 1.41%
<b>*Ovary:</b>		
<b>Granulosa Cell Tumor: Benign, Malignant, NOS</b>		
	0/49 (0%)	1/50 (2%)
<b>Overall Incidence</b>	Total 1/99 (1.01%)	Mean 1% SD 1.41%
<b>*Ovary:</b>		
<b>Hemangioma</b>		
	0/49 (0%)	1/50 (2%)
<b>Overall Incidence</b>	Total 1/99 (1.01%)	Mean 1% SD 1.41%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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	Male	Female
<b>*Ovary:</b>		
<b>Hemangiosarcoma</b>		
	0/49 (0%)	1/50 (2%)
<b>Overall Incidence</b>	Total 1/99 (1.01%)	Mean 1% SD 1.41%
<b>*Ovary:</b>		
<b>Luteoma</b>		
	0/49 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total 0/99 (0%)	Mean 0% SD 0%
<b>*Ovary:</b>		
<b>Plasma Cell Tumor Malignant</b>		
	0/49 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total 0/99 (0%)	Mean 0% SD 0%
<b>*Ovary:</b>		
<b>Sarcoma</b>		
	0/49 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total 0/99 (0%)	Mean 0% SD 0%
<b>*Ovary:</b>		
<b>Teratoma Benign</b>		
	0/49 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total 0/99 (0%)	Mean 0% SD 0%
<b>*Ovary:</b>		
<b>Teratoma Malignant</b>		
	0/49 (0%)	0/50 (0%)
<b>Overall Incidence</b>	Total 0/99 (0%)	Mean 0% SD 0%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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Male					Female										
<b>*Ovary:</b>															
<b>Tubulostromal Adenoma</b>															
					0/49	(0%)	0/50	(0%)							
<b>Overall Incidence</b>					Total	0/99	(0%)	Mean	0%	SD	0%				
.....															
<b>*Ovary:</b>															
<b>Yolk Sac Carcinoma</b>															
					0/49	(0%)	0/50	(0%)							
<b>Overall Incidence</b>					Total	0/99	(0%)	Mean	0%	SD	0%				
.....															
<b>*Pancreas:</b>															
<b>Carcinoma</b>															
		0/49	(0%)	0/50	(0%)			0/50	(0%)						
<b>Overall Incidence</b>		Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
.....															
<b>*Pancreas:</b>															
<b>Carcinoma or Adenoma</b>															
		0/49	(0%)	0/50	(0%)			0/50	(0%)						
<b>Overall Incidence</b>		Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
.....															
<b>*Pituitary Gland: Pars Distalis or Unspecified Site:</b>															
<b>Adenoma</b>															
		0/49	(0%)	0/50	(0%)			5/47	(11%)	4/50	(8%)				
<b>Overall Incidence</b>		Total	0/99	(0%)	Mean	0%	SD	0%	Total	9/97	(9.28%)	Mean	9.32%	SD	1.87%
.....															
<b>*Pituitary Gland: Pars Distalis or Unspecified Site:</b>															
<b>Carcinoma</b>															
		0/49	(0%)	0/50	(0%)			0/47	(0%)	0/50	(0%)				
<b>Overall Incidence</b>		Total	0/99	(0%)	Mean	0%	SD	0%	Total	0/97	(0%)	Mean	0%	SD	0%
.....															

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Pituitary Gland: Pars Distalis or Unspecified Site:</b>									
<b>Carcinoma or Adenoma</b>									
		0/49	(0%)	0/50	(0%)	5/47	(11%)	4/50	(8%)
<b>Overall Incidence</b>	Total	0/99	(0%)	Mean 0%	SD 0%	9/97	(9.28%)	Mean 9.32%	SD 1.87%
.....									
<b>*Pituitary Gland: Pars Intermedia:</b>									
<b>Adenoma</b>									
		0/49	(0%)	0/50	(0%)	0/47	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/99	(0%)	Mean 0%	SD 0%	0/97	(0%)	Mean 0%	SD 0%
.....									
<b>*Pituitary Gland: Pars Intermedia:</b>									
<b>Carcinoma or Adenoma</b>									
		0/49	(0%)	0/50	(0%)	0/47	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/99	(0%)	Mean 0%	SD 0%	0/97	(0%)	Mean 0%	SD 0%
.....									
<b>*Salivary Glands:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>*Salivary Glands:</b>									
<b>Carcinoma or Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>*Salivary Glands:</b>									
<b>Hemangiosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Salivary Glands:</b>									
<b>Mast Cell Tumor Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>*Salivary Glands:</b>									
<b>Myxoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Seminal Vesicle:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)				
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
<b>#Skeletal Muscle:</b>									
<b>Hemangiosarcoma</b>									
		1/50	(2%)	0/50	(0%)	1/50	(2%)	1/50	(2%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	2/100	(2%)	Mean 2%	SD 0%
.....									
<b>#Skeletal Muscle:</b>									
<b>Rhabdomyosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Skeletal Muscle:</b>									
<b>Rhabdomyosarcoma or Rhabdomyoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: SKIN  
 Vehicle: ETHANOL

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		Male				Female			
<b>#Skeletal Muscle:</b>									
<b>Sarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Basal Cell Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS)</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma</b>									
		1/50	(2%)	1/50	(2%)	1/50	(2%)	1/50	(2%)
<b>Overall Incidence</b>	Total	2/100	(2%)	Mean 2%	SD 0%	Total	2/100	(2%)	Mean 2% SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female					
<b>#Skin:</b>											
<b>Fibrosarcoma</b>											
		1/50	(2%)	0/50	(0%)			1/50	(2%)	1/50	(2%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
<b>#Skin:</b>											
<b>Fibrosarcoma, Sarcoma, Myxosarcoma, or Fibrous Histiocytoma</b>											
		1/50	(2%)	1/50	(2%)			1/50	(2%)	1/50	(2%)
<b>Overall Incidence</b>	Total	2/100	(2%)	Mean 2%	SD 0%	Total	2/100	(2%)	Mean 2%	SD 0%	
.....											
<b>#Skin:</b>											
<b>Fibrous Histiocytoma</b>											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Skin:</b>											
<b>Granular Cell Tumor Benign</b>											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Skin:</b>											
<b>Hemangioma</b>											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
<b>#Skin:</b>											
<b>Hemangiosarcoma</b>											
		1/50	(2%)	1/50	(2%)			2/50	(4%)	1/50	(2%)
<b>Overall Incidence</b>	Total	2/100	(2%)	Mean 2%	SD 0%	Total	3/100	(3%)	Mean 3%	SD 1.41%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: SKIN  
 Vehicle: ETHANOL

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		Male				Female			
<b>#Skin:</b>									
<b>Keratoacanthoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Lipoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Liposarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Mast Cell Tumor Benign</b>									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
<b>#Skin:</b>									
<b>Mast Cell Tumor Malignant</b>									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Melanoma Benign</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>#Skin:</b>									
<b>Melanoma Malignant</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Neural Crest Tumor</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
<b>#Skin:</b>									
<b>Neurofibroma or Schwannoma benign</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
<b>#Skin:</b>									
<b>Neurofibrosarcoma or Schwannoma (malignant or NOS)</b>									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
<b>#Skin:</b>									
<b>Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS)</b>									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	1/50	(2%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2% SD 0%
.....									
<b>#Skin:</b>									
<b>Osteosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

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**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>#Skin:</b>									
<b>Sarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Skin:</b>									
<b>Schwannoma Benign</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
<b>#Skin:</b>									
<b>Schwannoma Malignant</b>									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
<b>#Skin:</b>									
<b>Squamous Cell Carcinoma, Basal Cell Carcinoma, Basosquamous Tumor (malignant or NOS), or Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Skin:</b>									
<b>Squamous Cell Papilloma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Skin:</b>									
<b>Squamous Cell Papilloma or Papilloma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
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**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male			Female		
<b>#Skin:</b>							
<b>Squamous Cell Papilloma, Papilloma, Squamous Cell Carcinoma or Keratoacanthoma</b>							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
<b>#Skin:</b>							
<b>Squamous Cell Papilloma, Papilloma, or Keratoacanthoma</b>							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
<b>#Skin: Sebaceous Gland:</b>							
<b>Adenoma</b>							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
<b>#Skin: Sebaceous Gland:</b>							
<b>Carcinoma or Adenoma</b>							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
<b>#Spinal Cord:</b>							
<b>Hemangiosarcoma</b>							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	1/50 (2%)	
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
<b>*Spleen:</b>							
<b>Hemangioma</b>							
		0/48 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/98 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0% SD 0%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Spleen:</b>									
<b>Hemangiosarcoma</b>									
		3/48 (6%)	1/50 (2%)		2/49 (4%)	1/50 (2%)			
<b>Overall Incidence</b>	Total	4/98 (4.08%)	Mean 4.12%	SD 3.01%	Total	3/99 (3.03%)	Mean 3.04%	SD 1.47%	
.....									
<b>*Spleen:</b>									
<b>Mast Cell Tumor Malignant</b>									
		0/48 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	0/98 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
<b>*Spleen:</b>									
<b>Plasma Cell Tumor Malignant</b>									
		0/48 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	0/98 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
<b>#Stomach, Forestomach:</b>									
<b>Squamous Cell Carcinoma</b>									
		1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
<b>Overall Incidence</b>	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
<b>#Stomach, Forestomach:</b>									
<b>Squamous Cell Carcinoma or Papilloma Squamous</b>									
		4/50 (8%)	1/50 (2%)		1/50 (2%)	1/50 (2%)			
<b>Overall Incidence</b>	Total	5/100 (5%)	Mean 5%	SD 4.24%	Total	2/100 (2%)	Mean 2%	SD 0%	
.....									
<b>#Stomach, Forestomach:</b>									
<b>Squamous Cell Papilloma</b>									
		3/50 (6%)	1/50 (2%)		1/50 (2%)	1/50 (2%)			
<b>Overall Incidence</b>	Total	4/100 (4%)	Mean 4%	SD 2.83%	Total	2/100 (2%)	Mean 2%	SD 0%	

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
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**Toxicology Data Management System**  
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**Route: SKIN**  
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		Male				Female			
<b>#Stomach, Glandular:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Stomach, Glandular:</b>									
<b>Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Stomach, Glandular:</b>									
<b>Carcinoma or Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>*Testes:</b>									
<b>Adenoma</b>									
		0/50	(0%)	0/50	(0%)				
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
<b>*Testes:</b>									
<b>Hemangioma</b>									
		0/50	(0%)	0/50	(0%)				
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
<b>*Thymus:</b>									
<b>Neoplasm NOS</b>									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/92	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically  
 #: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>*Thymus:</b>									
<b>Thymoma Benign</b>									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/92	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>*Thymus:</b>									
<b>Thymoma Malignant</b>									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/92	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>*Thymus:</b>									
<b>Thymoma: Benign, Malignant, NOS</b>									
		0/44	(0%)	0/48	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/92	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
<b>*Thyroid Gland: C-Cell:</b>									
<b>Carcinoma</b>									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%
									SD 0%
.....									
<b>*Thyroid Gland: C-Cell:</b>									
<b>Carcinoma or Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%
									SD 0%
.....									
<b>*Thyroid Gland: Follicular Cell:</b>									
<b>Adenoma</b>									
		1/50	(2%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/99	(0%)	Mean 0%
									SD 0%
.....									

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female				
<b>*Thyroid Gland: Follicular Cell: Carcinoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/49 (2%)	0/50 (0%)	Mean 1.02%	SD 1.44%
		0/100 (0%)					1/99 (1.01%)			
<b>*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma</b>										
<b>Overall Incidence</b>	Total	1/50 (2%)	0/50 (0%)	Mean 1%	SD 1.41%	Total	1/49 (2%)	0/50 (0%)	Mean 1.02%	SD 1.44%
		1/100 (1%)					1/99 (1.01%)			
<b>#Tissue NOS: Fibrosarcoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
<b>#Tissue NOS: Hemangiosarcoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	1/50 (2%)	Mean 2%	SD 0%
		0/100 (0%)					2/100 (2%)			
<b>#Tissue NOS: Plasma Cell Tumor Malignant</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
		0/100 (0%)					0/100 (0%)			
<b>#Tissue NOS: Sarcoma</b>										
<b>Overall Incidence</b>	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	0/50 (0%)	Mean 1%	SD 1.41%
		0/100 (0%)					1/100 (1%)			

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
**Route: SKIN**  
**Vehicle: ETHANOL**

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		Male				Female			
<b>#Tongue:</b>									
<b>Fibroma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Tongue:</b>									
<b>Squamous Cell Carcinoma or Papilloma Squamous</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Tongue:</b>									
<b>Squamous Cell Papilloma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Tooth:</b>									
<b>Odontoma</b>									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	1/100	(1%)	Mean 1%	SD 1.41%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>#Urethra:</b>									
<b>Hemangiosarcoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
<b>*Urinary Bladder:</b>									
<b>Hemangiosarcoma</b>									
		0/49	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/99	(0%)	Mean 0%	SD 0%	0/99	(0%)	Mean 0%	SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: SKIN  
 Vehicle: ETHANOL

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	Male				Female			
<b>*Urinary Bladder:</b>								
<b>Plasma Cell Tumor Malignant</b>								
		0/49 (0%)	0/50 (0%)		0/49 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total	0/99 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%
.....								
<b>#Uterus:</b>								
<b>Adenoma</b>								
					0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total				0/100 (0%)	Mean 0%		SD 0%
.....								
<b>#Uterus:</b>								
<b>Carcinoma</b>								
					1/50 (2%)	1/50 (2%)		
<b>Overall Incidence</b>	Total				2/100 (2%)	Mean 2%		SD 0%
.....								
<b>#Uterus:</b>								
<b>Hemangiosarcoma</b>								
					1/50 (2%)	0/50 (0%)		
<b>Overall Incidence</b>	Total				1/100 (1%)	Mean 1%		SD 1.41%
.....								
<b>#Uterus:</b>								
<b>Leiomyoma</b>								
					0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total				0/100 (0%)	Mean 0%		SD 0%
.....								
<b>#Uterus:</b>								
<b>Leiomyosarcoma</b>								
					0/50 (0%)	0/50 (0%)		
<b>Overall Incidence</b>	Total				0/100 (0%)	Mean 0%		SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
 Contract/Lab: All Laboratories  
 Species: MICE  
 Strain: B6C3F1  
 Length of Study: CHRONIC

**Toxicology Data Management System**  
 Tumor Incidence for Selected Control Animal Groups  
 Route: SKIN  
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		Male			Female		
<b>#Uterus:</b>							
<b>Polyp Stromal</b>							
			1/50 (2%)		3/50 (6%)		
<b>Overall Incidence</b>		Total	4/100 (4%)		Mean 4%		SD 2.83%
.....							
<b>#Uterus:</b>							
<b>Sarcoma</b>							
			0/50 (0%)		0/50 (0%)		
<b>Overall Incidence</b>		Total	0/100 (0%)		Mean 0%		SD 0%
.....							
<b>#Uterus:</b>							
<b>Sarcoma Stromal</b>							
			0/50 (0%)		0/50 (0%)		
<b>Overall Incidence</b>		Total	0/100 (0%)		Mean 0%		SD 0%
.....							
<b>#Uterus:</b>							
<b>Sarcoma Stromal or Polyp Stromal</b>							
			1/50 (2%)		3/50 (6%)		
<b>Overall Incidence</b>		Total	4/100 (4%)		Mean 4%		SD 2.83%
.....							
<b>#Vagina:</b>							
<b>Liposarcoma</b>							
			1/50 (2%)		0/50 (0%)		
<b>Overall Incidence</b>		Total	1/100 (1%)		Mean 1%		SD 1.41%
.....							
<b>#Zymbal's Gland:</b>							
<b>Carcinoma</b>							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
<b>Overall Incidence</b>	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%
							SD 0%

\*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Jun2013  
Contract/Lab: All Laboratories  
Species: MICE  
Strain: B6C3F1  
Length of Study: CHRONIC

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Tumor Incidence for Selected Control Animal Groups  
Route: SKIN  
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Male					Female				
<b>#Zymbal's Gland:</b>									
<b>Carcinoma or Adenoma</b>									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
<b>Overall Incidence</b>	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100 (0%)
								Mean	0%
								SD	0%

---

\*: Denominator is number of animals with tissues examined microscopically  
#: Denominator is number of animals necropsied