



National Toxicology Program
Department of Health and Human Services

NTP Historical Controls Report

By Route and Vehicle

MICE

October 2022

REPORT DESCRIPTION

This report shows the tumor rates of control group animals from selected studies. The studies used are shown on the Study Summary page.

This report is broken up into sections based on the route and vehicle used to deliver the chemical. The Table of Contents on Page 3 shows the different Route/Vehicle combinations. To see the data from all routes and vehicles combined into one set, you must run the "All Routes" report.

The individual tumor rates shown on the data pages of the report relate to the Study Summary page as follows: the tumor rates are shown in the same order as the Study Summary page, except that they are grouped horizontally in sets of three, with the males in the first set of three and the females in the second set. For example if the study summary showed the studies like this:

Male

M1

M2

M3

M4

M5

Female

F1

F2

F3

F4

F5

the data would be shown as:

Male			Female		
M1	M2	M3	F1	F2	F3
M4	M5		F4	F5	

Directly beneath the individual tumor rates on the data pages are the overall totals for that tumor/site combination. This includes the total tumors/animals, the overall mean (in parentheses), the mean of the study means, and the standard deviation of the study means.

Studies with no control animals of a particular gender are listed on the summary page with the Number of Animals shown as zero and the Start Date and Length of Study shown as "N/A". On the data pages there are blank spaces where tumor rates for these studies would normally be found, so that the male and female rates for the remaining studies can be easily compared.

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Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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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
Male							
Battelle Columbus Laboratory	050005804	N/A	N/A	0(0)	0(0)	N/A	Black Cohosh
Battelle Columbus Laboratory	052032306	05/22/12	730	50(1)	35(698)	52.5	Resveratrol
Female							
Battelle Columbus Laboratory	050005804	04/09/12	729	50(4)	40(703)	58.8	Black Cohosh
Battelle Columbus Laboratory	052032306	05/21/12	729	50(4)	44(716)	58.8	Resveratrol

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male				Female			
#All Organs: Benign Tumors								
			33/50 (66%)			15/50 (30%)	17/50 (34%)	
Overall Incidence	Total	33/50 (66%)	Mean 66%	SD 0%	Total	32/100 (32%)	Mean 32%	SD 2.83%
.....								
#All Organs: Malignant Tumors								
			24/50 (48%)			22/50 (44%)	18/50 (36%)	
Overall Incidence	Total	24/50 (48%)	Mean 48%	SD 0%	Total	40/100 (40%)	Mean 40%	SD 5.66%
.....								
#All Organs: Malignant and Benign Tumors								
			41/50 (82%)			31/50 (62%)	27/50 (54%)	
Overall Incidence	Total	41/50 (82%)	Mean 82%	SD 0%	Total	58/100 (58%)	Mean 58%	SD 5.66%
.....								
#All Organs: Hemangioma								
			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#All Organs: Hemangiosarcoma								
			3/50 (6%)			1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 0%
.....								
#All Organs: Hemangiosarcoma or Hemangioma								
			3/50 (6%)			2/50 (4%)	1/50 (2%)	
Overall Incidence	Total	3/50 (6%)	Mean 6%	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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Male					Female				
#All Organs:									
Histiocytic Sarcoma									
			1/50 (2%)			2/50 (4%)		2/50 (4%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	4/100 (4%)	Mean 4%	SD 0%	
.....									
#All Organs:									
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated									
			0/50 (0%)			1/50 (2%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#All Organs:									
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type									
			7/50 (14%)			10/50 (20%)		9/50 (18%)	
Overall Incidence	Total	7/50 (14%)	Mean 14%	SD 0%	Total	19/100 (19%)	Mean 19%	SD 1.41%	
.....									
#All Organs:									
Malignant Schwannoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#All Organs:									
Osteosarcoma									
			0/50 (0%)			2/50 (4%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 2.83%	
.....									
#All Organs:									
Osteosarcoma or Osteoma									
			0/50 (0%)			2/50 (4%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2%	SD 2.83%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
*Adrenal Cortex:							
Adenoma							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
*Adrenal Medulla:							
Pheochromocytoma Benign							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
*Adrenal Medulla:							
Pheochromocytoma Malignant							
		1/50	(2%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
*Adrenal Medulla:							
Pheochromocytoma: Benign, Complex, Malignant, NOS							
		1/50	(2%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
*Bone Marrow:							
Hemangiosarcoma							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
*Bone Marrow:							
Mast Cell Tumor Malignant							
		0/50	(0%)		0/50	(0%)	0/50 (0%)
Overall Incidence	Total	0/50	(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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male				Female			
#Bone:									
Hemangioma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Bone:									
Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Bone:									
Osteosarcoma									
			0/50 (0%)			1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Bone:									
Osteosarcoma or Osteoma									
			0/50 (0%)			1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
*Brain:									
Meningioma Malignant									
			0/50 (0%)			1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
*Brain:									
Meningioma: Benign, Malignant, NOS									
			0/50 (0%)			1/50 (2%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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Male					Female				
*Clitoral/Preputial Gland:									
Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)	0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
*Epididymis:									
Mast Cell Tumor									
			0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%					
.....									
#Harderian Gland:									
Adenoma									
			6/50 (12%)			2/50 (4%)	3/50 (6%)		
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	5/100 (5%)	Mean 5%	SD 1.41%	
.....									
#Harderian Gland:									
Carcinoma									
			2/50 (4%)			0/50 (0%)	1/50 (2%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Harderian Gland:									
Carcinoma or Adenoma									
			8/50 (16%)			2/50 (4%)	4/50 (8%)		
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 2.83%	
.....									
#Harderian Gland:									
Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
#Intestine Small: Duodenum:							
Adenoma							
			0/50 (0%)		0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1% SD 1.41%
.....							
#Intestine Small: Duodenum:							
Carcinoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Ileum:							
Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Adenoma							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Carcinoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Mast Cell Tumor							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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 Vehicle: METHYLCELLULOSE

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Male					Female				
#Intestine Small: Site Unspecified: Adenoma									
			1/50 (2%)			0/50 (0%)		1/50 (2%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Intestine Small: Site Unspecified: Carcinoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified: Carcinoma or Adenoma									
			1/50 (2%)			0/50 (0%)		1/50 (2%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Intestine Small: Site Unspecified: Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic: Adenoma									
			0/50 (0%)			0/50 (0%)		0/49 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic: Carcinoma									
			0/50 (0%)			0/50 (0%)		0/49 (0%)	
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male				Female			
*Islets, Pancreatic:									
 Carcinoma or Adenoma									
			0/50 (0%)			0/50 (0%)	0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/99 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule:									
 Adenoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule:									
 Carcinoma or Adenoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule:									
 Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule:									
 Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Kidney: Renal Tubule:									
 Renal Mesenchymal Tumor									
			0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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	Male				Female			
*Liver:								
Cholangiocarcinoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Hemangioma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Hemangiosarcoma								
			1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Hepatoblastoma								
			1/50 (2%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Hepatocellular Adenoma								
			25/50 (50%)			6/50 (12%)	8/50 (16%)	
Overall Incidence	Total	25/50 (50%)	Mean 50%	SD 0%	Total	14/100 (14%)	Mean 14%	SD 2.83%
.....								
*Liver:								
Hepatocellular Carcinoma								
			7/50 (14%)			3/50 (6%)	3/50 (6%)	
Overall Incidence	Total	7/50 (14%)	Mean 14%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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		Male				Female			
*Liver:									
Hepatocellular Carcinoma or Hepatoblastoma									
			8/50 (16%)			3/50 (6%)		3/50 (6%)	
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 0%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatocellular Adenoma									
			29/50 (58%)			8/50 (16%)		9/50 (18%)	
Overall Incidence	Total	29/50 (58%)	Mean 58%	SD 0%	Total	17/100 (17%)	Mean 17%	SD 1.41%	
.....									
*Liver:									
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
			30/50 (60%)			8/50 (16%)		9/50 (18%)	
Overall Incidence	Total	30/50 (60%)	Mean 60%	SD 0%	Total	17/100 (17%)	Mean 17%	SD 1.41%	
.....									
*Liver:									
Hepatocholangiocarcinoma									
			2/50 (4%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Ito Cell Tumor Benign									
			1/50 (2%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male				Female			
*Lung:									
Alveolar/Bronchiolar Adenoma									
			8/50 (16%)			2/50 (4%)		1/50 (2%)	
Overall Incidence	Total	8/50 (16%)	Mean 16%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma									
			4/50 (8%)			0/50 (0%)		3/50 (6%)	
Overall Incidence	Total	4/50 (8%)	Mean 8%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 4.24%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma									
			11/50 (22%)			2/50 (4%)		4/50 (8%)	
Overall Incidence	Total	11/50 (22%)	Mean 22%	SD 0%	Total	6/100 (6%)	Mean 6%	SD 2.83%	
.....									
*Lung:									
Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Lung:									
Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node:									
Hemangiosarcoma									
			0/50 (0%)			0/50 (0%)		0/50 (0%)	
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
#Lymph Node:							
Mast Cell Tumor							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Axillary:							
Hemangioma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Mandibular:							
Mast Cell Tumor							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Mandibular:							
Mast Cell Tumor Malignant							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Mesenteric:							
Hemangioma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Lymph Node, Mesenteric:							
Mast Cell Tumor							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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	Male				Female			
#Lymph Node, Mesenteric: Mast Cell Tumor Malignant								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Mammary Gland: Adenoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Mammary Gland: Carcinoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Mammary Gland: Carcinoma or Adenoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Mammary Gland: Fibroma, Fibroadenoma or Adenoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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		Male				Female			
#Mesentery:									
Hemangioma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mesentery:									
Hemangiosarcoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mesentery:									
Lipoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Mesentery:									
Sarcoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
*Nose:									
Carcinoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
*Nose:									
Polyp									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male				Female			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Oral Mucosa: Squamous Cell Carcinoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
*Ovary: Cystadenoma								
						2/49 (4%)	3/49 (6%)	
Overall Incidence					Total	5/98 (5.1%)	Mean 5.1%	SD 1.44%
.....								
*Ovary: Granulosa Cell Tumor Benign								
						0/49 (0%)	0/49 (0%)	
Overall Incidence					Total	0/98 (0%)	Mean 0%	SD 0%
.....								

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male		Female	
*Ovary:				
Granulosa Cell Tumor: Benign, Malignant, NOS				
		0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Granulosa-Theca Tumor Malignant				
		0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Hemangioma				
		0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Hemangiosarcoma				
		0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Luteoma				
		0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Thecoma Benign				
		0/49 (0%)	0/49 (0%)	
Overall Incidence	Total	0/98 (0%)	Mean 0%	SD 0%
.....				

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
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 Length of Study: CHRONIC

Toxicology Data Management System
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				Male					Female
*Ovary:									
Thecoma Malignant									
				0/49 (0%)					0/49 (0%)
Overall Incidence				Total	0/98 (0%)				Mean 0% SD 0%
.....									
*Ovary:									
Tubulostromal Adenoma									
				0/49 (0%)					1/49 (2%)
Overall Incidence				Total	1/98 (1.02%)				Mean 1.02% SD 1.44%
.....									
*Ovary:									
Tubulostromal Carcinoma									
				0/49 (0%)					0/49 (0%)
Overall Incidence				Total	0/98 (0%)				Mean 0% SD 0%
.....									
*Pancreas:									
Mast Cell Tumor									
				0/50 (0%)					0/50 (0%)
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Parathyroid Gland:									
Carcinoma									
				0/40 (0%)					0/41 (0%)
Overall Incidence	Total	0/40 (0%)	Mean 0%	SD 0%	Total	0/78 (0%)	Mean 0%	SD 0%	
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Adenoma									
				0/48 (0%)					2/49 (4%)
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	5/96 (5.21%)	Mean 5.23%	SD 1.63%	

*: Denominator is number of animals with tissues examined microscopically
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Version: Oct2022
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
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		Male			Female		
*Pituitary Gland: Pars Distalis or Unspecified Site:							
 Carcinoma or Adenoma							
			0/48 (0%)		2/49 (4%)	3/47 (6%)	
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total 5/96 (5.21%)	Mean 5.23%	SD 1.63%
.....							
*Pituitary Gland: Pars Intermedia:							
 Adenoma							
			0/48 (0%)		0/49 (0%)	0/47 (0%)	
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total 0/96 (0%)	Mean 0%	SD 0%
.....							
*Pituitary Gland: Pars Intermedia:							
 Carcinoma or Adenoma							
			0/48 (0%)		0/49 (0%)	0/47 (0%)	
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total 0/96 (0%)	Mean 0%	SD 0%
.....							
*Pituitary Gland: Pars Intermedia:							
 Schwannoma Malignant							
			0/48 (0%)		0/49 (0%)	0/47 (0%)	
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total 0/96 (0%)	Mean 0%	SD 0%
.....							
*Prostate:							
 Hemangiosarcoma							
			1/50 (2%)				
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%			
.....							
*Prostate:							
 Mast Cell Tumor							
			0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%			

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

Version: Oct2022
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 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male				Female			
*Salivary Glands:									
 Carcinoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
*Salivary Glands:									
 Carcinoma or Adenoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
*Salivary Glands:									
 Mast Cell Tumor									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Seminal Vesicle:									
 Fibroma									
			0/50	(0%)					
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%				
.....									
#Skeletal Muscle:									
 Hemangiosarcoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Skeletal Muscle:									
 Osteosarcoma									
			0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(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: Oct2022
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 Tumor Incidence for Selected Control Animal Groups
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		Male			Female		
#Skeletal Muscle:							
Rhabdomyosarcoma							
			0/50 (0%)		1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2% SD 0%
.....							
#Skeletal Muscle:							
Rhabdomyosarcoma or Rhabdomyoma							
			0/50 (0%)		1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/100 (2%)	Mean 2% SD 0%
.....							
#Skeletal Muscle:							
Sarcoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Basal Cell Adenoma							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Basal Cell Adenoma or Basosquamous Tumor Benign							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma							
			1/50 (2%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/50 (2%)	Mean 2%	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male					Female				
#Skin:										
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma										
Overall Incidence	Total	1/50 (2%)	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
						Total	0/100 (0%)			
#Skin:										
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma										
Overall Incidence	Total	1/50 (2%)	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
						Total	0/100 (0%)			
#Skin:										
Fibroma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%
						Total	0/100 (0%)			
#Skin:										
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Malignant Fibrous Histiocytoma, or Hemangiopericytoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	2/50 (4%)	Mean 3%	SD 1.41%
						Total	3/100 (3%)			
#Skin:										
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	2/50 (4%)	Mean 3%	SD 1.41%
						Total	3/100 (3%)			
#Skin:										
Fibrosarcoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	1/50 (2%)	Mean 1%	SD 1.41%
						Total	1/100 (1%)			

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Oct2022
 Contract/Lab: All Laboratories
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 Strain: B6C3F1/N
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	Male				Female			
#Skin:								
Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma								
			0/50 (0%)			1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	3/100 (3%)	Mean 3%	SD 1.41%
.....								
#Skin:								
Hemangioma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Hemangiosarcoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Skin:								
Lipoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Liposarcoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Malignant Fibrous Histiocytoma								
			0/50 (0%)			0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	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: Oct2022
 Contract/Lab: All Laboratories
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	Male				Female			
#Skin:								
Melanoma NOS								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Osteosarcoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Pilomatrixoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Sarcoma								
			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....								
#Skin: Sebaceous Gland:								
Adenoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Spinal Cord:								
Astrocytoma Malignant								
			0/50 (0%)			1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%

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

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		Male			Female		
#Spinal Cord:							
Schwannoma Malignant							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
*Spleen:							
Hemangiosarcoma							
		1/50	(2%)		1/50	(2%)	
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	1/100 (1%)
							Mean 1%
							SD 1.41%
.....							
#Stomach, Forestomach:							
Mast Cell Tumor Malignant							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
#Stomach, Forestomach:							
Squamous Cell Carcinoma or Papilloma Squamous							
		1/50	(2%)		0/50	(0%)	
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
#Stomach, Forestomach:							
Squamous Cell Papilloma							
		1/50	(2%)		0/50	(0%)	
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/100 (0%)
							Mean 0%
							SD 0%
.....							
#Stomach, Glandular:							
Adenoma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
#Stomach, Glandular:							
 Carcinoma or Adenoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Testis:							
 Adenoma							
			0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%			
.....							
*Testis:							
 Hemangioma							
			0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%			
.....							
*Thymus:							
 Hemangiosarcoma							
			0/41 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0% SD 0%
.....							
*Thymus:							
 Thymoma Benign							
			0/41 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/41 (0%)	Mean 0%	SD 0%	Total	0/97 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: C-Cell:							
 Carcinoma							
			0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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		Male			Female		
*Thyroid Gland: C-Cell: Carcinoma or Adenoma							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	Mean 0%	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)		
.....							
*Thyroid Gland: Follicular Cell: Adenoma							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	Mean 0%	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)		
.....							
*Thyroid Gland: Follicular Cell: Carcinoma							
		0/50 (0%)	Mean 0%	SD 0%	1/50 (2%)	Mean 1%	SD 1.41%
Overall Incidence	Total	0/50 (0%)			1/100 (1%)		
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
		0/50 (0%)	Mean 0%	SD 0%	1/50 (2%)	Mean 1%	SD 1.41%
Overall Incidence	Total	0/50 (0%)			1/100 (1%)		
.....							
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	Mean 0%	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)		
.....							
#Tongue: Squamous Cell Papilloma							
		0/50 (0%)	Mean 0%	SD 0%	0/50 (0%)	Mean 0%	SD 0%
Overall Incidence	Total	0/50 (0%)			0/100 (0%)		

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male				Female			
#Tooth:								
Odontoma								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
*Urinary Bladder:								
Mast Cell Tumor								
			0/50 (0%)			0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Uterus:								
Adenocarcinoma or Adenoma								
						0/50 (0%)	0/50 (0%)	
Overall Incidence					Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Uterus:								
Adenoma								
						0/50 (0%)	0/50 (0%)	
Overall Incidence					Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Uterus:								
Fibroma								
						0/50 (0%)	0/50 (0%)	
Overall Incidence					Total	0/100 (0%)	Mean 0%	SD 0%
.....								
#Uterus:								
Granular Cell Tumor Benign								
						1/50 (2%)	0/50 (0%)	
Overall Incidence					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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: GAVAGE
 Vehicle: METHYLCELLULOSE

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	Male	Female
#Uterus: Hemangioma		
Overall Incidence	Total 1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1% SD 1.41%
#Uterus: Hemangiosarcoma		
Overall Incidence	Total 0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0% SD 0%
#Uterus: Leiomyoma		
Overall Incidence	Total 0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0% SD 0%
#Uterus: Polyp Stromal		
Overall Incidence	Total 1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1% SD 1.41%
#Uterus: Sarcoma		
Overall Incidence	Total 1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1% SD 1.41%
#Uterus: Sarcoma Stromal or Polyp Stromal		
Overall Incidence	Total 1/50 (2%) 1/100 (1%)	0/50 (0%) Mean 1% SD 1.41%

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

Version: Oct2022
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: GAVAGE
Vehicle: METHYLCELLULOSE

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	Male		Female	
#Vagina:				
Hemangioma				
		0/50 (0%)	0/50 (0%)	
Overall Incidence		Total 0/100 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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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
Male							
Battelle Northwest	051047204	01/31/11	729	50(5)	40(705)	52.7	p-Chloro-a,a,a-trifluorotoluene
Female							
Battelle Northwest	051047204	01/31/11	731	50(5)	38(700)	55.9	p-Chloro-a,a,a-trifluorotoluene

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
#All Organs:							
Benign Tumors							
		32/50 (64%)			24/50 (48%)		
Overall Incidence	Total	32/50 (64%)	Mean 64%	SD 0%	Total	24/50 (48%)	Mean 48% SD 0%
.....							
#All Organs:							
Malignant Tumors							
		25/50 (50%)			24/50 (48%)		
Overall Incidence	Total	25/50 (50%)	Mean 50%	SD 0%	Total	24/50 (48%)	Mean 48% SD 0%
.....							
#All Organs:							
Malignant and Benign Tumors							
		44/50 (88%)			38/50 (76%)		
Overall Incidence	Total	44/50 (88%)	Mean 88%	SD 0%	Total	38/50 (76%)	Mean 76% SD 0%
.....							
#All Organs:							
Hemangioma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Hemangiosarcoma							
		2/50 (4%)			3/50 (6%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	3/50 (6%)	Mean 6% SD 0%
.....							
#All Organs:							
Hemangiosarcoma or Hemangioma							
		2/50 (4%)			3/50 (6%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	3/50 (6%)	Mean 6% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
#All Organs:							
Histiocytic Sarcoma							
		0/50 (0%)			2/50 (4%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4% SD 0%
.....							
#All Organs:							
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type							
		6/50 (12%)			9/50 (18%)		
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	9/50 (18%)	Mean 18% SD 0%
.....							
#All Organs:							
Malignant Schwannoma							
		1/50 (2%)			0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Osteosarcoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Osteosarcoma or Osteoma							
		0/50 (0%)			0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 11/18/2022

		Male				Female				
*Adrenal Cortex:										
Adenoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma Benign										
		0/50	(0%)			1/50	(2%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma Malignant										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma: Benign, Complex, Malignant, NOS										
		0/50	(0%)			1/50	(2%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2%	SD 0%
.....										
*Bone Marrow:										
Hemangiosarcoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
*Bone Marrow:										
Mast Cell Tumor Malignant										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female				
#Bone:										
Hemangioma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
#Bone:										
Hemangiosarcoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
#Bone:										
Osteosarcoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
#Bone:										
Osteosarcoma or Osteoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
*Brain:										
Meningioma Malignant										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
*Brain:										
Meningioma: Benign, Malignant, NOS										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 11/18/2022

		Male				Female			
*Clitoral/Preputial Gland:									
Mast Cell Tumor									
		0/50	(0%)			0/48	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/48	(0%)	Mean 0%	SD 0%
.....									
*Epididymis:									
Mast Cell Tumor									
		0/50	(0%)						
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%				
.....									
#Harderian Gland:									
Adenoma									
		5/50	(10%)			2/50	(4%)		
Overall Incidence	Total	5/50	(10%)	Mean 10%	SD 0%	2/50	(4%)	Mean 4%	SD 0%
.....									
#Harderian Gland:									
Carcinoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Harderian Gland:									
Carcinoma or Adenoma									
		6/50	(12%)			2/50	(4%)		
Overall Incidence	Total	6/50	(12%)	Mean 12%	SD 0%	2/50	(4%)	Mean 4%	SD 0%
.....									
#Harderian Gland:									
Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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 Report Date: 11/18/2022

		Male				Female			
#Intestine Small: Duodenum:									
Adenoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Duodenum:									
Carcinoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Ileum:									
Adenoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	1/50	(2%)	Mean 2%	SD 0%
.....									
#Intestine Small: Jejunum:									
Adenoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Jejunum:									
Carcinoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Intestine Small: Jejunum:									
Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Intestine Small: Site Unspecified:									
Adenoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2%
							SD 0%		
.....									
#Intestine Small: Site Unspecified:									
Carcinoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/50	(0%)	Mean 0%
							SD 0%		
.....									
#Intestine Small: Site Unspecified:									
Carcinoma or Adenoma									
		1/50	(2%)			1/50	(2%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	1/50	(2%)	Mean 2%
							SD 0%		
.....									
#Intestine Small: Site Unspecified:									
Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%
							SD 0%		
.....									
*Islets, Pancreatic:									
Adenoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/50	(0%)	Mean 0%
							SD 0%		
.....									
*Islets, Pancreatic:									
Carcinoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%
							SD 0%		
.....									

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
*Islets, Pancreatic:									
 Carcinoma or Adenoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Kidney: Renal Tubule:									
 Adenoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2% SD 0%
.....									
*Kidney: Renal Tubule:									
 Carcinoma or Adenoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2% SD 0%
.....									
*Kidney: Renal Tubule:									
 Hemangiosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Kidney: Renal Tubule:									
 Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
*Kidney: Renal Tubule:									
 Renal Mesenchymal Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
*Liver:							
Cholangiocarcinoma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
*Liver:							
Hemangioma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
*Liver:							
Hemangiosarcoma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
.....							
*Liver:							
Hepatoblastoma							
		1/50	(2%)			0/50	(0%)
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/50 (0%)
.....							
*Liver:							
Hepatocellular Adenoma							
		25/50	(50%)			12/50	(24%)
Overall Incidence	Total	25/50	(50%)	Mean 50%	SD 0%	Total	12/50 (24%)
.....							
*Liver:							
Hepatocellular Carcinoma							
		8/50	(16%)			7/50	(14%)
Overall Incidence	Total	8/50	(16%)	Mean 16%	SD 0%	Total	7/50 (14%)
.....							

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male				Female			
*Liver:								
Hepatocellular Carcinoma or Hepatoblastoma								
		9/50 (18%)			7/50 (14%)			
Overall Incidence	Total	9/50 (18%)	Mean 18%	SD 0%	Total	7/50 (14%)	Mean 14%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatocellular Adenoma								
		30/50 (60%)			18/50 (36%)			
Overall Incidence	Total	30/50 (60%)	Mean 60%	SD 0%	Total	18/50 (36%)	Mean 36%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma								
		31/50 (62%)			18/50 (36%)			
Overall Incidence	Total	31/50 (62%)	Mean 62%	SD 0%	Total	18/50 (36%)	Mean 36%	SD 0%
.....								
*Liver:								
Hepatocholangiocarcinoma								
		3/50 (6%)			0/50 (0%)			
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Ito Cell Tumor Benign								
		0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Mast Cell Tumor								
		0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male				Female			
*Lung:								
Alveolar/Bronchiolar Adenoma								
		11/50 (22%)			5/50 (10%)			
Overall Incidence	Total	11/50 (22%)	Mean 22%	SD 0%	Total	5/50 (10%)	Mean 10%	SD 0%
.....								
*Lung:								
Alveolar/Bronchiolar Carcinoma								
		6/50 (12%)			0/50 (0%)			
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Lung:								
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma								
		17/50 (34%)			5/50 (10%)			
Overall Incidence	Total	17/50 (34%)	Mean 34%	SD 0%	Total	5/50 (10%)	Mean 10%	SD 0%
.....								
*Lung:								
Hemangiosarcoma								
		1/50 (2%)			0/50 (0%)			
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
*Lung:								
Mast Cell Tumor								
		0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								
#Lymph Node:								
Hemangiosarcoma								
		0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....								

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Lymph Node: Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Axillary: Hemangioma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mandibular: Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mandibular: Mast Cell Tumor Malignant									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mesenteric: Hemangioma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mesenteric: Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Lymph Node, Mesenteric:									
Mast Cell Tumor Malignant									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland:									
Adenoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland:									
Carcinoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland:									
Carcinoma or Adenoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma or Adenoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	0/50	(0%)	Mean 0%	SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma, Carcinoma, or Adenoma									
		1/50	(2%)			0/50	(0%)		
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	0/50	(0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female				
#Mesentery:										
Hemangioma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
#Mesentery:										
Hemangiosarcoma										
		0/50	(0%)			1/50	(2%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2%	SD 0%
.....										
#Mesentery:										
Lipoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
#Mesentery:										
Sarcoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
*Nose:										
Carcinoma										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										
*Nose:										
Polyp										
		0/50	(0%)			0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0%	SD 0%
.....										

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male				Female			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma								
		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma								
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma								
		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Oral Mucosa: Squamous Cell Carcinoma								
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Ovary: Cystadenoma								
						2/50 (4%)		
Overall Incidence					Total	2/50 (4%)	Mean 4%	SD 0%
*Ovary: Granulosa Cell Tumor Benign								
						0/50 (0%)		
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male		Female	
*Ovary:				
Granulosa Cell Tumor: Benign, Malignant, NOS				
		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Granulosa-Theca Tumor Malignant				
		1/50	(2%)	
Overall Incidence	Total	1/50	(2%)	Mean 2% SD 0%
.....				
*Ovary:				
Hemangioma				
		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Hemangiosarcoma				
		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0% SD 0%
.....				
*Ovary:				
Luteoma				
		2/50	(4%)	
Overall Incidence	Total	2/50	(4%)	Mean 4% SD 0%
.....				
*Ovary:				
Thecoma Benign				
		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0% SD 0%
.....				

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: INHALATION
 Vehicle: AIR

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Male					Female				
*Ovary:									
Thecoma Malignant									
					0/50	(0%)			
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
*Ovary:									
Tubulostromal Adenoma									
					0/50	(0%)			
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
*Ovary:									
Tubulostromal Carcinoma									
					0/50	(0%)			
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
*Pancreas:									
Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
*Parathyroid Gland:									
Carcinoma									
		0/36	(0%)			0/36	(0%)		
Overall Incidence	Total	0/36 (0%)	Mean 0%	SD 0%	Total	0/36 (0%)	Mean 0%	SD 0%	
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Adenoma									
		0/50	(0%)			4/50	(8%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	4/50 (8%)	Mean 8%	SD 0%	
.....									

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: INHALATION
 Vehicle: AIR

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		Male			Female		
*Pituitary Gland: Pars Distalis or Unspecified Site:							
 Carcinoma or Adenoma							
		0/50	(0%)		4/50	(8%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	4/50	(8%)	Mean 8%
				SD 0%			SD 0%
.....							
*Pituitary Gland: Pars Intermedia:							
 Adenoma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	0/50	(0%)	Mean 0%
				SD 0%			SD 0%
.....							
*Pituitary Gland: Pars Intermedia:							
 Carcinoma or Adenoma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	0/50	(0%)	Mean 0%
				SD 0%			SD 0%
.....							
*Pituitary Gland: Pars Intermedia:							
 Schwannoma Malignant							
		1/50	(2%)		0/50	(0%)	
Overall Incidence	Total	1/50	(2%)	Mean 2%	0/50	(0%)	Mean 0%
				SD 0%			SD 0%
.....							
*Prostate:							
 Hemangiosarcoma							
		0/50	(0%)				
Overall Incidence	Total	0/50	(0%)	Mean 0%			
				SD 0%			
.....							
*Prostate:							
 Mast Cell Tumor							
		0/50	(0%)				
Overall Incidence	Total	0/50	(0%)	Mean 0%			
				SD 0%			
.....							

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
*Salivary Glands:									
Carcinoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2% SD 0%
.....									
*Salivary Glands:									
Carcinoma or Adenoma									
		0/50	(0%)			1/50	(2%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	1/50	(2%)	Mean 2% SD 0%
.....									
*Salivary Glands:									
Mast Cell Tumor									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Seminal Vesicle:									
Fibroma									
		0/50	(0%)						
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%				
.....									
#Skeletal Muscle:									
Hemangiosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									
#Skeletal Muscle:									
Osteosarcoma									
		0/50	(0%)			0/50	(0%)		
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)	Mean 0% SD 0%
.....									

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
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		Male			Female				
#Skeletal Muscle:									
Rhabdomyosarcoma									
		1/50	(2%)		2/50	(4%)			
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma or Rhabdomyoma									
		1/50	(2%)		2/50	(4%)			
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
.....									
#Skeletal Muscle:									
Sarcoma									
		0/50	(0%)		0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....									
#Skin:									
Basal Cell Adenoma									
		0/50	(0%)		0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....									
#Skin:									
Basal Cell Adenoma or Basosquamous Tumor Benign									
		0/50	(0%)		0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
.....									
#Skin:									
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma									
		0/50	(0%)		0/50	(0%)			
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male				Female			
#Skin:								
Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma								
		1/50	(2%)			1/50	(2%)	
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	1/50	(2%)
								Mean 2%
								SD 0%
.....								
#Skin:								
Hemangioma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
.....								
#Skin:								
Hemangiosarcoma								
		2/50	(4%)			0/50	(0%)	
Overall Incidence	Total	2/50	(4%)	Mean 4%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
.....								
#Skin:								
Lipoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
.....								
#Skin:								
Liposarcoma								
		0/50	(0%)			0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%
.....								
#Skin:								
Malignant Fibrous Histiocytoma								
		1/50	(2%)			0/50	(0%)	
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	0/50	(0%)
								Mean 0%
								SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Skin:									
Melanoma NOS									
			0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Osteosarcoma									
			0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Pilomatrixoma									
			0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Sarcoma									
			0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
.....									
#Skin: Sebaceous Gland:									
Adenoma									
			0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Spinal Cord:									
Astrocytoma Malignant									
			0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
#Spinal Cord:							
Schwannoma Malignant							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
				Mean 0%	SD 0%		
.....							
*Spleen:							
Hemangiosarcoma							
		1/50	(2%)			1/50	(2%)
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	1/50 (2%)
				Mean 2%	SD 0%		
.....							
#Stomach, Forestomach:							
Mast Cell Tumor Malignant							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
				Mean 0%	SD 0%		
.....							
#Stomach, Forestomach:							
Squamous Cell Carcinoma or Papilloma Squamous							
		1/50	(2%)			1/50	(2%)
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	1/50 (2%)
				Mean 2%	SD 0%		
.....							
#Stomach, Forestomach:							
Squamous Cell Papilloma							
		1/50	(2%)			1/50	(2%)
Overall Incidence	Total	1/50	(2%)	Mean 2%	SD 0%	Total	1/50 (2%)
				Mean 2%	SD 0%		
.....							
#Stomach, Glandular:							
Adenoma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
				Mean 0%	SD 0%		
.....							

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
#Stomach, Glandular:							
 Carcinoma or Adenoma							
		0/50	(0%)		0/50	(0%)	
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
.....							
*Testis:							
 Adenoma							
		0/50	(0%)				
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%		
.....							
*Testis:							
 Hemangioma							
		0/50	(0%)				
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%		
.....							
*Thymus:							
 Hemangiosarcoma							
		0/48	(0%)			0/50	(0%)
Overall Incidence	Total	0/48	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
.....							
*Thymus:							
 Thymoma Benign							
		0/48	(0%)			0/50	(0%)
Overall Incidence	Total	0/48	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%
.....							
*Thyroid Gland: C-Cell:							
 Carcinoma							
		0/50	(0%)			0/50	(0%)
Overall Incidence	Total	0/50	(0%)	Mean 0%	SD 0%	Total	0/50 (0%)
						Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male			Female		
*Thyroid Gland: C-Cell: Carcinoma or Adenoma							
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Adenoma							
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma							
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous							
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Papilloma							
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0% SD 0%
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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		Male				Female			
#Tooth:									
Odontoma									
			0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
*Urinary Bladder:									
Mast Cell Tumor									
			0/50 (0%)			0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Uterus:									
Adenocarcinoma or Adenoma									
						0/50 (0%)			
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Uterus:									
Adenoma									
						0/50 (0%)			
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Uterus:									
Fibroma									
						0/50 (0%)			
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%	
.....									
#Uterus:									
Granular Cell Tumor Benign									
						0/50 (0%)			
Overall Incidence					Total	0/50 (0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male		Female	
#Uterus: Hemangioma				
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
#Uterus: Hemangiosarcoma				
Overall Incidence		Total	1/50 (2%)	Mean 2% SD 0%
#Uterus: Leiomyoma				
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
#Uterus: Polyp Stromal				
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
#Uterus: Sarcoma				
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%
#Uterus: Sarcoma Stromal or Polyp Stromal				
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%

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

Version: Oct2022
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: INHALATION
Vehicle: AIR

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	Male			Female
#Vagina:				
Hemangioma				
			0/50 (0%)	
Overall Incidence		Total	0/50 (0%)	Mean 0% SD 0%

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

Version: Oct2022

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1/N

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: FEED

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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
Male							
Battelle Columbus Laboratory	051098702	08/17/10	730	50(1)	44(722)	48.9	Dibutyl Phthalate
Battelle Columbus Laboratory	051026002	07/16/10	727	49(1)	34(691)	47.6	2-Hydroxy-4-methoxybenzophenone
Battelle Columbus Laboratory	052071204	10/25/11	731	50(1)	39(701)	50.0	Tris(Chloropropyl)phosphate
Female							
Battelle Columbus Laboratory	051098702	08/16/10	729	50(4)	42(713)	51.5	Dibutyl Phthalate
Battelle Columbus Laboratory	051026002	07/15/10	726	50(4)	42(716)	54.7	2-Hydroxy-4-methoxybenzophenone
Battelle Columbus Laboratory	052071204	10/24/11	729	50(4)	46(726)	51.9	Tris(Chloropropyl)phosphate

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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 Report Date: 11/18/2022

		Male			Female		
#All Organs:							
Benign Tumors							
		26/50 (52%)	28/49 (57%)	25/50 (50%)	13/50 (26%)	17/50 (34%)	21/50 (42%)
Overall Incidence	Total	79/149 (53.02%)	Mean 53.05%	SD 3.68%	Total	51/150 (34%)	Mean 34% SD 8%
.....							
#All Organs:							
Malignant Tumors							
		19/50 (38%)	19/49 (39%)	20/50 (40%)	19/50 (38%)	11/50 (22%)	12/50 (24%)
Overall Incidence	Total	58/149 (38.93%)	Mean 38.93%	SD 1.01%	Total	42/150 (28%)	Mean 28% SD 8.72%
.....							
#All Organs:							
Malignant and Benign Tumors							
		33/50 (66%)	37/49 (76%)	34/50 (68%)	28/50 (56%)	25/50 (50%)	27/50 (54%)
Overall Incidence	Total	104/149 (69.8%)	Mean 69.84%	SD 5.01%	Total	80/150 (53.33%)	Mean 53.33% SD 3.06%
.....							
#All Organs:							
Hemangioma							
		0/50 (0%)	1/49 (2%)	1/50 (2%)	1/50 (2%)	2/50 (4%)	0/50 (0%)
Overall Incidence	Total	2/149 (1.34%)	Mean 1.35%	SD 1.17%	Total	3/150 (2%)	Mean 2% SD 2%
.....							
#All Organs:							
Hemangiosarcoma							
		3/50 (6%)	1/49 (2%)	2/50 (4%)	3/50 (6%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	6/149 (4.03%)	Mean 4.01%	SD 1.98%	Total	4/150 (2.67%)	Mean 2.67% SD 3.06%
.....							
#All Organs:							
Hemangiosarcoma or Hemangioma							
		3/50 (6%)	2/49 (4%)	3/50 (6%)	4/50 (8%)	2/50 (4%)	1/50 (2%)
Overall Incidence	Total	8/149 (5.37%)	Mean 5.36%	SD 1.11%	Total	7/150 (4.67%)	Mean 4.67% SD 3.06%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male			Female		
#All Organs:							
Histiocytic Sarcoma							
		2/50 (4%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	2/149 (1.34%)	Mean 1.33%	SD 2.31%	Total	2/150 (1.33%)	Mean 1.33% SD 1.15%
.....							
#All Organs:							
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type							
		4/50 (8%)	3/49 (6%)	5/50 (10%)	11/50 (22%)	5/50 (10%)	8/50 (16%)
Overall Incidence	Total	12/149 (8.05%)	Mean 8.04%	SD 1.94%	Total	24/150 (16%)	Mean 16% SD 6%
.....							
#All Organs:							
Malignant Schwannoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#All Organs:							
Osteosarcoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%
.....							
#All Organs:							
Osteosarcoma or Osteoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male			Female		
*Adrenal Cortex:							
Adenoma							
		0/50 (0%)	1/48 (2%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	2/148 (1.35%)	Mean 1.36%	SD 1.18%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
*Adrenal Medulla:							
Pheochromocytoma Benign							
		0/50 (0%)	1/48 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/148 (0.68%)	Mean 0.69%	SD 1.2%	Total	1/149 (0.67%)	Mean 0.67% SD 1.15%
.....							
*Adrenal Medulla:							
Pheochromocytoma Malignant							
		0/50 (0%)	0/48 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/148 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0% SD 0%
.....							
*Adrenal Medulla:							
Pheochromocytoma: Benign, Complex, Malignant, NOS							
		0/50 (0%)	1/48 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	1/148 (0.68%)	Mean 0.69%	SD 1.2%	Total	1/149 (0.67%)	Mean 0.67% SD 1.15%
.....							
*Bone Marrow:							
Hemangiosarcoma							
		0/50 (0%)	0/47 (0%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0% SD 0%
.....							
*Bone Marrow:							
Mast Cell Tumor Malignant							
		0/50 (0%)	1/47 (2%)	0/50 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)
Overall Incidence	Total	1/147 (0.68%)	Mean 0.71%	SD 1.23%	Total	0/149 (0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male				Female					
#Bone:											
Hemangioma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
Hemangiosarcoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
Osteosarcoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	
.....											
#Bone:											
Osteosarcoma or Osteoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%	
.....											
*Brain:											
Meningioma Malignant											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
*Brain:											
Meningioma: Benign, Malignant, NOS											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male			Female			
*Clitoral/Preputial Gland:								
Mast Cell Tumor								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
*Epididymis:								
Mast Cell Tumor								
		0/50 (0%)	0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%				
.....								
#Harderian Gland:								
Adenoma								
		3/50 (6%)	6/49 (12%)	0/50 (0%)	3/50 (6%)	1/50 (2%)	4/50 (8%)	
Overall Incidence	Total	9/149 (6.04%)	Mean 6.08%	SD 6.12%	Total	8/150 (5.33%)	Mean 5.33%	SD 3.06%
.....								
#Harderian Gland:								
Carcinoma								
		1/50 (2%)	1/49 (2%)	2/50 (4%)	0/50 (0%)	1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	4/149 (2.68%)	Mean 2.68%	SD 1.14%	Total	3/150 (2%)	Mean 2%	SD 2%
.....								
#Harderian Gland:								
Carcinoma or Adenoma								
		4/50 (8%)	7/49 (14%)	2/50 (4%)	3/50 (6%)	2/50 (4%)	6/50 (12%)	
Overall Incidence	Total	13/149 (8.72%)	Mean 8.76%	SD 5.19%	Total	11/150 (7.33%)	Mean 7.33%	SD 4.16%
.....								
#Harderian Gland:								
Mast Cell Tumor								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male				Female			
#Intestine Small: Duodenum:									
Adenoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Duodenum:									
Carcinoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Ileum:									
Adenoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Jejunum:									
Adenoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Jejunum:									
Carcinoma									
		1/50 (2%)	0/49 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/149 (2.01%)	Mean 2%	SD 2%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Jejunum:									
Mast Cell Tumor									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male				Female			
#Intestine Small: Site Unspecified:									
Adenoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified:									
Carcinoma									
		1/50 (2%)	0/49 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/149 (2.01%)	Mean 2%	SD 2%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified:									
Carcinoma or Adenoma									
		1/50 (2%)	0/49 (0%)	2/50 (4%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	3/149 (2.01%)	Mean 2%	SD 2%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Intestine Small: Site Unspecified:									
Mast Cell Tumor									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic:									
Adenoma									
		0/50 (0%)	1/47 (2%)	1/50 (2%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	2/147 (1.36%)	Mean 1.38%	SD 1.19%	Total	0/149 (0%)	Mean 0%	SD 0%	
.....									
*Islets, Pancreatic:									
Carcinoma									
		0/50 (0%)	0/47 (0%)	0/50 (0%)		0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male			Female			
*Islets, Pancreatic:								
 Carcinoma or Adenoma								
		0/50 (0%)	1/47 (2%)	1/50 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	2/147 (1.36%)	Mean 1.38%	SD 1.19%	Total	0/149 (0%)	Mean 0%	SD 0%
.....								
*Kidney: Renal Tubule:								
 Adenoma								
		0/50 (0%)	0/48 (0%)	1/49 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	1/147 (0.68%)	Mean 0.68%	SD 1.18%	Total	0/149 (0%)	Mean 0%	SD 0%
.....								
*Kidney: Renal Tubule:								
 Carcinoma or Adenoma								
		0/50 (0%)	0/48 (0%)	1/49 (2%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	1/147 (0.68%)	Mean 0.68%	SD 1.18%	Total	0/149 (0%)	Mean 0%	SD 0%
.....								
*Kidney: Renal Tubule:								
 Hemangiosarcoma								
		0/50 (0%)	0/48 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
.....								
*Kidney: Renal Tubule:								
 Mast Cell Tumor								
		0/50 (0%)	0/48 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%
.....								
*Kidney: Renal Tubule:								
 Renal Mesenchymal Tumor								
		0/50 (0%)	0/48 (0%)	0/49 (0%)	0/50 (0%)	0/49 (0%)	0/50 (0%)	
Overall Incidence	Total	0/147 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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		Male			Female			
*Liver:								
Cholangiocarcinoma								
Overall Incidence	Total	0/50 (0%) 0/149 (0%)	0/49 (0%) Mean 0%	0/50 (0%) SD 0%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
.....								
*Liver:								
Hemangioma								
Overall Incidence	Total	0/50 (0%) 1/149 (0.67%)	0/49 (0%) Mean 0.67%	1/50 (2%) SD 1.15%	Total	0/50 (0%) 1/150 (0.67%)	1/50 (2%) Mean 0.67%	0/50 (0%) SD 1.15%
.....								
*Liver:								
Hemangiosarcoma								
Overall Incidence	Total	3/50 (6%) 3/149 (2.01%)	0/49 (0%) Mean 2%	0/50 (0%) SD 3.46%	Total	0/50 (0%) 1/150 (0.67%)	0/50 (0%) Mean 0.67%	1/50 (2%) SD 1.15%
.....								
*Liver:								
Hepatoblastoma								
Overall Incidence	Total	0/50 (0%) 2/149 (1.34%)	1/49 (2%) Mean 1.35%	1/50 (2%) SD 1.17%	Total	0/50 (0%) 0/150 (0%)	0/50 (0%) Mean 0%	0/50 (0%) SD 0%
.....								
*Liver:								
Hepatocellular Adenoma								
Overall Incidence	Total	18/50 (36%) 60/149 (40.27%)	21/49 (43%) Mean 40.29%	21/50 (42%) SD 3.74%	Total	3/50 (6%) 17/150 (11.33%)	3/50 (6%) Mean 11.33%	11/50 (22%) SD 9.24%
.....								
*Liver:								
Hepatocellular Carcinoma								
Overall Incidence	Total	10/50 (20%) 23/149 (15.44%)	8/49 (16%) Mean 15.44%	5/50 (10%) SD 5.06%	Total	1/50 (2%) 3/150 (2%)	1/50 (2%) Mean 2%	1/50 (2%) SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
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 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male				Female			
*Liver:								
Hepatocellular Carcinoma or Hepatoblastoma								
		10/50 (20%)	8/49 (16%)	6/50 (12%)		1/50 (2%)	1/50 (2%)	1/50 (2%)
Overall Incidence	Total	24/149 (16.11%)	Mean 16.11%	SD 4%	Total	3/150 (2%)	Mean 2%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatocellular Adenoma								
		24/50 (48%)	26/49 (53%)	23/50 (46%)		4/50 (8%)	4/50 (8%)	12/50 (24%)
Overall Incidence	Total	73/149 (48.99%)	Mean 49.02%	SD 3.64%	Total	20/150 (13.33%)	Mean 13.33%	SD 9.24%
.....								
*Liver:								
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma								
		24/50 (48%)	26/49 (53%)	24/50 (48%)		4/50 (8%)	4/50 (8%)	12/50 (24%)
Overall Incidence	Total	74/149 (49.66%)	Mean 49.69%	SD 2.92%	Total	20/150 (13.33%)	Mean 13.33%	SD 9.24%
.....								
*Liver:								
Hepatocholangiocarcinoma								
		0/50 (0%)	1/49 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Ito Cell Tumor Benign								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Mast Cell Tumor								
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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Route: ORAL
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		Male			Female			
*Lung:								
Alveolar/Bronchiolar Adenoma								
		9/50 (18%)	7/49 (14%)	8/50 (16%)	2/50 (4%)	5/50 (10%)	3/50 (6%)	
Overall Incidence	Total	24/149 (16.11%)	Mean 16.1%	SD 1.86%	Total	10/150 (6.67%)	Mean 6.67%	SD 3.06%
.....								
*Lung:								
Alveolar/Bronchiolar Carcinoma								
		3/50 (6%)	5/49 (10%)	1/50 (2%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	9/149 (6.04%)	Mean 6.07%	SD 4.1%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
.....								
*Lung:								
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma								
		11/50 (22%)	11/49 (22%)	9/50 (18%)	2/50 (4%)	5/50 (10%)	4/50 (8%)	
Overall Incidence	Total	31/149 (20.81%)	Mean 20.82%	SD 2.45%	Total	11/150 (7.33%)	Mean 7.33%	SD 3.06%
.....								
*Lung:								
Hemangiosarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
*Lung:								
Mast Cell Tumor								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Lymph Node:								
Hemangiosarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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 Tumor Incidence for Selected Control Animal Groups
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		Male				Female					
#Lymph Node: Mast Cell Tumor											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Axillary: Hemangioma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Mandibular: Mast Cell Tumor											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Mandibular: Mast Cell Tumor Malignant											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Mesenteric: Hemangioma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Lymph Node, Mesenteric: Mast Cell Tumor											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	

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

Version: Oct2022
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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		Male			Female			
#Lymph Node, Mesenteric:								
Mast Cell Tumor Malignant								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Mammary Gland:								
Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	4/150 (2.67%)	Mean 2.67%	SD 1.15%
.....								
#Mammary Gland:								
Carcinoma								
		0/50 (0%)	1/49 (2%)	0/50 (0%)	3/50 (6%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	Total	3/150 (2%)	Mean 2%	SD 3.46%
.....								
#Mammary Gland:								
Carcinoma or Adenoma								
		0/50 (0%)	1/49 (2%)	0/50 (0%)	4/50 (8%)	1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	Total	7/150 (4.67%)	Mean 4.67%	SD 3.06%
.....								
#Mammary Gland:								
Fibroma, Fibroadenoma or Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	4/150 (2.67%)	Mean 2.67%	SD 1.15%
.....								
#Mammary Gland:								
Fibroma, Fibroadenoma, Carcinoma, or Adenoma								
		0/50 (0%)	1/49 (2%)	0/50 (0%)	4/50 (8%)	1/50 (2%)	2/50 (4%)	
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%	Total	7/150 (4.67%)	Mean 4.67%	SD 3.06%

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

Version: Oct2022
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Toxicology Data Management System
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		Male			Female		
#Mesentery:							
Hemangioma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Mesentery:							
Hemangiosarcoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Mesentery:							
Lipoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Mesentery:							
Sarcoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%
.....							
*Nose:							
Carcinoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%
.....							
*Nose:							
Polyp							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
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Toxicology Data Management System
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		Male				Female			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Oral Mucosa: Squamous Cell Carcinoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
*Ovary: Cystadenoma									
						3/48 (6%)	4/48 (8%)	0/49 (0%)	
Overall Incidence					Total	7/145 (4.83%)	Mean 4.86%	SD 4.34%	
.....									
*Ovary: Granulosa Cell Tumor Benign									
						0/48 (0%)	0/48 (0%)	1/49 (2%)	
Overall Incidence					Total	1/145 (0.69%)	Mean 0.68%	SD 1.18%	
.....									

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

Version: Oct2022
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	Male			Female		
*Ovary:						
Granulosa Cell Tumor: Benign, Malignant, NOS						
		0/48	(0%)	0/48	(0%)	1/49
Overall Incidence	Total	1/145	(0.69%)	Mean	0.68%	SD 1.18%
.....						
*Ovary:						
Granulosa-Theca Tumor Malignant						
		0/48	(0%)	0/48	(0%)	0/49
Overall Incidence	Total	0/145	(0%)	Mean	0%	SD 0%
.....						
*Ovary:						
Hemangioma						
		0/48	(0%)	1/48	(2%)	0/49
Overall Incidence	Total	1/145	(0.69%)	Mean	0.69%	SD 1.2%
.....						
*Ovary:						
Hemangiosarcoma						
		2/48	(4%)	0/48	(0%)	0/49
Overall Incidence	Total	2/145	(1.38%)	Mean	1.39%	SD 2.41%
.....						
*Ovary:						
Luteoma						
		0/48	(0%)	0/48	(0%)	0/49
Overall Incidence	Total	0/145	(0%)	Mean	0%	SD 0%
.....						
*Ovary:						
Thecoma Benign						
		0/48	(0%)	0/48	(0%)	0/49
Overall Incidence	Total	0/145	(0%)	Mean	0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male			Female		
*Ovary:							
Thecoma Malignant							
			0/48 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence			0/145 (0%)		Mean 0%	SD 0%	
.....							
*Ovary:							
Tubulostromal Adenoma							
			0/48 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence			0/145 (0%)		Mean 0%	SD 0%	
.....							
*Ovary:							
Tubulostromal Carcinoma							
			0/48 (0%)		0/48 (0%)	0/49 (0%)	
Overall Incidence			0/145 (0%)		Mean 0%	SD 0%	
.....							
*Pancreas:							
Mast Cell Tumor							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/149 (0%)	
						Mean 0%	
						SD 0%	
.....							
*Parathyroid Gland:							
Carcinoma							
		0/40 (0%)	0/32 (0%)	1/42 (2%)	0/43 (0%)	0/21 (0%)	
Overall Incidence	Total	1/114 (0.88%)	Mean 0.79%	SD 1.37%	Total	0/107 (0%)	
						Mean 0%	
						SD 0%	
.....							
*Pituitary Gland: Pars Distalis or Unspecified Site:							
Adenoma							
		0/48 (0%)	0/45 (0%)	0/50 (0%)	1/49 (2%)	0/47 (0%)	
Overall Incidence	Total	0/143 (0%)	Mean 0%	SD 0%	Total	4/146 (2.74%)	
						Mean 2.68%	
						SD 3.05%	
.....							

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male			Female			
*Pituitary Gland: Pars Distalis or Unspecified Site:								
 Carcinoma or Adenoma								
		0/48 (0%)	0/45 (0%)	0/50 (0%)	1/49 (2%)	0/47 (0%)	3/50 (6%)	
Overall Incidence	Total	0/143 (0%)	Mean 0%	SD 0%	Total	4/146 (2.74%)	Mean 2.68%	SD 3.05%
.....								
*Pituitary Gland: Pars Intermedia:								
 Adenoma								
		0/48 (0%)	0/45 (0%)	0/50 (0%)	0/49 (0%)	1/47 (2%)	0/50 (0%)	
Overall Incidence	Total	0/143 (0%)	Mean 0%	SD 0%	Total	1/146 (0.68%)	Mean 0.71%	SD 1.23%
.....								
*Pituitary Gland: Pars Intermedia:								
 Carcinoma or Adenoma								
		0/48 (0%)	0/45 (0%)	0/50 (0%)	0/49 (0%)	1/47 (2%)	0/50 (0%)	
Overall Incidence	Total	0/143 (0%)	Mean 0%	SD 0%	Total	1/146 (0.68%)	Mean 0.71%	SD 1.23%
.....								
*Pituitary Gland: Pars Intermedia:								
 Schwannoma Malignant								
		0/48 (0%)	0/45 (0%)	0/50 (0%)	0/49 (0%)	0/47 (0%)	0/50 (0%)	
Overall Incidence	Total	0/143 (0%)	Mean 0%	SD 0%	Total	0/146 (0%)	Mean 0%	SD 0%
.....								
*Prostate:								
 Hemangiosarcoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%				
.....								
*Prostate:								
 Mast Cell Tumor								
		0/50 (0%)	0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%				

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male				Female							
*Salivary Glands:													
Carcinoma													
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean 0%	SD 0%	Total	0/149	(0%)	Mean 0%	SD 0%			
.....													
*Salivary Glands:													
Carcinoma or Adenoma													
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean 0%	SD 0%	Total	0/149	(0%)	Mean 0%	SD 0%			
.....													
*Salivary Glands:													
Mast Cell Tumor													
		0/49	(0%)	0/49	(0%)	0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean 0%	SD 0%	Total	0/149	(0%)	Mean 0%	SD 0%			
.....													
#Seminal Vesicle:													
Fibroma													
		0/50	(0%)	0/49	(0%)	0/50	(0%)						
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%								
.....													
#Skeletal Muscle:													
Hemangiosarcoma													
		0/50	(0%)	0/49	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	1/150	(0.67%)	Mean 0.67%	SD 1.15%			
.....													
#Skeletal Muscle:													
Osteosarcoma													
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%			

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male			Female		
#Skeletal Muscle:							
Rhabdomyosarcoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33% SD 1.15%
.....							
#Skeletal Muscle:							
Rhabdomyosarcoma or Rhabdomyoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33% SD 1.15%
.....							
#Skeletal Muscle:							
Sarcoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67% SD 1.15%
.....							
#Skin:							
Basal Cell Adenoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Basal Cell Adenoma or Basosquamous Tumor Benign							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Skin:							
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%

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 #: Denominator is number of animals necropsied

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male				Female			
#Skin:									
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	0/50 (0%)	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/149 (0%)	Mean 0%	SD 0%		0/150 (0%)	Mean 0%	SD 0%	
#Skin:									
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	0/50 (0%)	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/149 (0%)	Mean 0%	SD 0%		0/150 (0%)	Mean 0%	SD 0%	
#Skin:									
Fibroma									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	0/50 (0%)	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		0/149 (0%)	Mean 0%	SD 0%		0/150 (0%)	Mean 0%	SD 0%	
#Skin:									
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Malignant Fibrous Histiocytoma, or Hemangiopericytoma									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	2/50 (4%)	Total	2/50 (4%)	0/50 (0%)	0/50 (0%)	
		2/149 (1.34%)	Mean 1.33%	SD 2.31%		2/150 (1.33%)	Mean 1.33%	SD 2.31%	
#Skin:									
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	2/50 (4%)	Total	2/50 (4%)	0/50 (0%)	0/50 (0%)	
		2/149 (1.34%)	Mean 1.33%	SD 2.31%		2/150 (1.33%)	Mean 1.33%	SD 2.31%	
#Skin:									
Fibrosarcoma									
Overall Incidence	Total	0/50 (0%)	0/49 (0%)	2/50 (4%)	Total	0/50 (0%)	0/50 (0%)	0/50 (0%)	
		2/149 (1.34%)	Mean 1.33%	SD 2.31%		0/150 (0%)	Mean 0%	SD 0%	

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male				Female			
#Skin:									
Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma									
		0/50 (0%)	0/49 (0%)	2/50 (4%)		2/50 (4%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	2/149 (1.34%)	Mean 1.33%	SD 2.31%	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	
.....									
#Skin:									
Hemangioma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Hemangiosarcoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Lipoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Liposarcoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%	
.....									
#Skin:									
Malignant Fibrous Histiocytoma									
		0/50 (0%)	0/49 (0%)	0/50 (0%)		2/50 (4%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	2/150 (1.33%)	Mean 1.33%	SD 2.31%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male				Female					
#Skin:											
Melanoma NOS											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Osteosarcoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Pilomatrixoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Sarcoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Skin: Sebaceous Gland:											
Adenoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Spinal Cord:											
Astrocytoma Malignant											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male			Female			
#Spinal Cord:								
Schwannoma Malignant								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
*Spleen:								
Hemangiosarcoma								
		0/50 (0%)	1/48 (2%)	2/50 (4%)	0/50 (0%)	0/49 (0%)	1/49 (2%)	
Overall Incidence	Total	3/148 (2.03%)	Mean 2.03%	SD 2%	Total	1/148 (0.68%)	Mean 0.68%	SD 1.18%
.....								
#Stomach, Forestomach:								
Mast Cell Tumor Malignant								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0%	SD 0%
.....								
#Stomach, Forestomach:								
Squamous Cell Carcinoma or Papilloma Squamous								
		1/50 (2%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	3/149 (2.01%)	Mean 2.03%	SD 2.04%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
.....								
#Stomach, Forestomach:								
Squamous Cell Papilloma								
		1/50 (2%)	2/49 (4%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	3/149 (2.01%)	Mean 2.03%	SD 2.04%	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
.....								
#Stomach, Glandular:								
Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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		Male			Female			
#Stomach, Glandular:								
 Carcinoma or Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
.....								
*Testis:								
 Adenoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)				
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%				
.....								
*Testis:								
 Hemangioma								
		0/50 (0%)	1/49 (2%)	0/50 (0%)				
Overall Incidence	Total	1/149 (0.67%)	Mean 0.68%	SD 1.18%				
.....								
*Thymus:								
 Hemangiosarcoma								
		0/45 (0%)	0/45 (0%)	0/46 (0%)	0/45 (0%)	0/48 (0%)	0/48 (0%)	
Overall Incidence	Total	0/136 (0%)	Mean 0%	SD 0%	Total	0/141 (0%)	Mean 0%	SD 0%
.....								
*Thymus:								
 Thymoma Benign								
		0/45 (0%)	0/45 (0%)	0/46 (0%)	0/45 (0%)	0/48 (0%)	0/48 (0%)	
Overall Incidence	Total	0/136 (0%)	Mean 0%	SD 0%	Total	0/141 (0%)	Mean 0%	SD 0%
.....								
*Thyroid Gland: C-Cell:								
 Carcinoma								
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/48 (0%)	0/49 (0%)	
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/147 (0.68%)	Mean 0.67%	SD 1.15%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male			Female		
*Thyroid Gland: C-Cell: Carcinoma or Adenoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	1/50 (2%)	0/48 (0%)	0/49 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/147 (0.68%)	Mean 0.67% SD 1.15%
.....							
*Thyroid Gland: Follicular Cell: Adenoma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	1/48 (2%)	0/49 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	1/147 (0.68%)	Mean 0.69% SD 1.2%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma							
		0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)	0/48 (0%)	0/49 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	Total	0/147 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
		0/50 (0%)	0/49 (0%)	1/50 (2%)	0/50 (0%)	1/48 (2%)	0/49 (0%)
Overall Incidence	Total	1/149 (0.67%)	Mean 0.67%	SD 1.15%	Total	1/147 (0.68%)	Mean 0.69% SD 1.2%
.....							
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Papilloma							
		0/50 (0%)	0/49 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/149 (0%)	Mean 0%	SD 0%	Total	0/150 (0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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		Male				Female					
#Tooth:											
Odontoma											
		0/50	(0%)	0/49	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/149	(0%)	Mean 0%	SD 0%	Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
*Urinary Bladder:											
Mast Cell Tumor											
		0/50	(0%)	0/49	(0%)	0/49	(0%)	0/48	(0%)	0/50	(0%)
Overall Incidence	Total	0/148	(0%)	Mean 0%	SD 0%	Total	0/147	(0%)	Mean 0%	SD 0%	
.....											
#Uterus:											
Adenocarcinoma or Adenoma											
						0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence						Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Uterus:											
Adenoma											
						0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence						Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Uterus:											
Fibroma											
						0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence						Total	0/150	(0%)	Mean 0%	SD 0%	
.....											
#Uterus:											
Granular Cell Tumor Benign											
						0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence						Total	0/150	(0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: FEED

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	Male		Female	
#Uterus:				
Hemangioma				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%
.....				
#Uterus:				
Hemangiosarcoma				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%
.....				
#Uterus:				
Leiomyoma				
		1/50 (2%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	1/150 (0.67%)	Mean 0.67%	SD 1.15%
.....				
#Uterus:				
Polyp Stromal				
		0/50 (0%)	1/50 (2%)	1/50 (2%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%
.....				
#Uterus:				
Sarcoma				
		0/50 (0%)	0/50 (0%)	0/50 (0%)
Overall Incidence	Total	0/150 (0%)	Mean 0%	SD 0%
.....				
#Uterus:				
Sarcoma Stromal or Polyp Stromal				
		0/50 (0%)	1/50 (2%)	1/50 (2%)
Overall Incidence	Total	2/150 (1.33%)	Mean 1.33%	SD 1.15%

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

Version: Oct2022
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: FEED

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	Male	Female
#Vagina:		
Hemangioma		
	1/50 (2%)	0/50 (0%)
Overall Incidence	Total 1/150 (0.67%)	Mean 0.67% SD 1.15%

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

Version: Oct2022

Contract/Lab: All Laboratories

Species: MICE

Strain: B6C3F1/N

Length of Study: CHRONIC

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: ORAL

Vehicle: WATER

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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
Male							
Battelle Columbus Laboratory	050303804	01/17/12	730	50(1)	26(683)	54.6	Sodium Tungstate Dihydrate
Battelle Columbus Laboratory	051105402	05/19/15	730	50(1)	34(701)	56.1	Sulfolane
Female							
Battelle Columbus Laboratory	050303804	01/16/12	729	50(4)	38(700)	61.6	Sodium Tungstate Dihydrate
Battelle Columbus Laboratory	051105402	05/18/15	728	50(4)	35(702)	61.8	Sulfolane

NOTE: The text on page 2 ("Report Description") describes how the studies listed here are displayed on the data pages that follow.

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: ORAL
 Vehicle: WATER

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		Male			Female		
#All Organs:							
Benign Tumors							
		31/50 (62%)	32/50 (64%)		20/50 (40%)	25/50 (50%)	
Overall Incidence	Total	63/100 (63%)	Mean 63%	SD 1.41%	Total	45/100 (45%)	Mean 45% SD 7.07%
.....							
#All Organs:							
Malignant Tumors							
		30/50 (60%)	22/50 (44%)		15/50 (30%)	18/50 (36%)	
Overall Incidence	Total	52/100 (52%)	Mean 52%	SD 11.31%	Total	33/100 (33%)	Mean 33% SD 4.24%
.....							
#All Organs:							
Malignant and Benign Tumors							
		42/50 (84%)	41/50 (82%)		32/50 (64%)	34/50 (68%)	
Overall Incidence	Total	83/100 (83%)	Mean 83%	SD 1.41%	Total	66/100 (66%)	Mean 66% SD 2.83%
.....							
#All Organs:							
Hemangioma							
		1/50 (2%)	2/50 (4%)		0/50 (0%)	3/50 (6%)	
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	3/100 (3%)	Mean 3% SD 4.24%
.....							
#All Organs:							
Hemangiosarcoma							
		5/50 (10%)	3/50 (6%)		1/50 (2%)	1/50 (2%)	
Overall Incidence	Total	8/100 (8%)	Mean 8%	SD 2.83%	Total	2/100 (2%)	Mean 2% SD 0%
.....							
#All Organs:							
Hemangiosarcoma or Hemangioma							
		6/50 (12%)	4/50 (8%)		1/50 (2%)	4/50 (8%)	
Overall Incidence	Total	10/100 (10%)	Mean 10%	SD 2.83%	Total	5/100 (5%)	Mean 5% SD 4.24%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#All Organs:											
Histiocytic Sarcoma											
		1/50	(2%)	0/50	(0%)			2/50	(4%)	2/50	(4%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	4/100	(4%)	Mean 4%	SD 0%	
.....											
#All Organs:											
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#All Organs:											
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type											
		5/50	(10%)	2/50	(4%)			4/50	(8%)	5/50	(10%)
Overall Incidence	Total	7/100	(7%)	Mean 7%	SD 4.24%	Total	9/100	(9%)	Mean 9%	SD 1.41%	
.....											
#All Organs:											
Malignant Schwannoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#All Organs:											
Osteosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#All Organs:											
Osteosarcoma or Osteoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
*Adrenal Cortex:											
Adenoma											
		1/50	(2%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	1/97	(1.03%)	Mean 1%	SD 1.41%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
Pheochromocytoma Benign											
		0/49	(0%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
Pheochromocytoma Malignant											
		0/49	(0%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Adrenal Medulla:											
Pheochromocytoma: Benign, Complex, Malignant, NOS											
		0/49	(0%)	0/47	(0%)			0/50	(0%)	0/48	(0%)
Overall Incidence	Total	0/96	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Bone Marrow:											
Hemangiosarcoma											
		2/50	(4%)	0/50	(0%)			0/48	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/98	(1.02%)	Mean 1%	SD 1.41%	
.....											
*Bone Marrow:											
Mast Cell Tumor Malignant											
		1/50	(2%)	0/50	(0%)			0/48	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/98	(0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#Bone:											
Hemangioma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
Hemangiosarcoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
Osteosarcoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Bone:											
Osteosarcoma or Osteoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Brain:											
Meningioma Malignant											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Brain:											
Meningioma: Benign, Malignant, NOS											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*Clitoral/Preputial Gland:									
Mast Cell Tumor									
		0/49	(0%)	0/50	(0%)	0/49	(0%)	0/43	(0%)
Overall Incidence	Total	0/99	(0%)	Mean 0%	SD 0%	0/92	(0%)	Mean 0%	SD 0%
.....									
*Epididymis:									
Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
#Harderian Gland:									
Adenoma									
		2/50	(4%)	5/50	(10%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	7/100	(7%)	Mean 7%	SD 4.24%	2/100	(2%)	Mean 2%	SD 0%
.....									
#Harderian Gland:									
Adenocarcinoma									
		1/50	(2%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Harderian Gland:									
Adenoma or Adenocarcinoma									
		3/50	(6%)	6/50	(12%)	1/50	(2%)	1/50	(2%)
Overall Incidence	Total	9/100	(9%)	Mean 9%	SD 4.24%	2/100	(2%)	Mean 2%	SD 0%
.....									
#Harderian Gland:									
Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#Intestine Small: Duodenum:											
Adenoma											
		0/50	(0%)	1/50	(2%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Duodenum:											
Adenocarcinoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Ileum:											
Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Jejunum:											
Adenoma											
		0/50	(0%)	2/50	(4%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Jejunum:											
Adenocarcinoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	2/50	(4%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2%	SD 2.83%	
.....											
#Intestine Small: Jejunum:											
Mast Cell Tumor											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male				Female					
#Intestine Small: Any Site:											
Adenoma											
		0/50	(0%)	3/50	(6%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 4.24%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Intestine Small: Any Site:											
Adenocarcinoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	2/50	(4%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/100	(2%)	Mean 2%	SD 2.83%	
.....											
#Intestine Small: Any Site:											
Adenoma or Adenocarcinoma											
		0/50	(0%)	3/50	(6%)			0/50	(0%)	2/50	(4%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 4.24%	Total	2/100	(2%)	Mean 2%	SD 2.83%	
.....											
#Intestine Small: Any Site:											
Mast Cell Tumor											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Islets, Pancreatic:											
Adenoma											
		1/47	(2%)	0/50	(0%)			0/48	(0%)	0/50	(0%)
Overall Incidence	Total	1/97	(1.03%)	Mean 1.06%	SD 1.5%	Total	0/98	(0%)	Mean 0%	SD 0%	
.....											
*Islets, Pancreatic:											
Carcinoma											
		0/47	(0%)	0/50	(0%)			0/48	(0%)	0/50	(0%)
Overall Incidence	Total	0/97	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male			Female		
*Islets, Pancreatic:							
 Carcinoma or Adenoma							
		1/47 (2%)	0/50 (0%)		0/48 (0%)	0/50 (0%)	
Overall Incidence	Total	1/97 (1.03%)	Mean 1.06%	SD 1.5%	Total	0/98 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
 Adenoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
 Carcinoma or Adenoma							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
 Hemangiosarcoma							
		1/50 (2%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
 Mast Cell Tumor							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0% SD 0%
.....							
*Kidney: Renal Tubule:							
 Renal Mesenchymal Tumor							
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)	
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
*Liver:											
Cholangiocarcinoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
*Liver:											
Hemangioma											
		1/50	(2%)	2/50	(4%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	3/100	(3%)	Mean 3%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Liver:											
Hemangiosarcoma											
		2/50	(4%)	3/50	(6%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	5/100	(5%)	Mean 5%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Liver:											
Hepatoblastoma											
		4/50	(8%)	7/50	(14%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	11/100	(11%)	Mean 11%	SD 4.24%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Liver:											
Hepatocellular Adenoma											
		26/50	(52%)	22/50	(44%)			11/50	(22%)	10/50	(20%)
Overall Incidence	Total	48/100	(48%)	Mean 48%	SD 5.66%	Total	21/100	(21%)	Mean 21%	SD 1.41%	
.....											
*Liver:											
Hepatocellular Carcinoma											
		15/50	(30%)	11/50	(22%)			2/50	(4%)	2/50	(4%)
Overall Incidence	Total	26/100	(26%)	Mean 26%	SD 5.66%	Total	4/100	(4%)	Mean 4%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male				Female			
*Liver:									
Hepatocellular Carcinoma or Hepatoblastoma									
		17/50 (34%)	18/50 (36%)			2/50 (4%)	2/50 (4%)		
Overall Incidence	Total	35/100 (35%)	Mean 35%	SD 1.41%		4/100 (4%)	Mean 4%	SD 0%	
.....									
*Liver:									
Hepatocellular Carcinoma or Hepatocellular Adenoma									
		33/50 (66%)	30/50 (60%)			13/50 (26%)	11/50 (22%)		
Overall Incidence	Total	63/100 (63%)	Mean 63%	SD 4.24%		24/100 (24%)	Mean 24%	SD 2.83%	
.....									
*Liver:									
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma									
		34/50 (68%)	36/50 (72%)			13/50 (26%)	11/50 (22%)		
Overall Incidence	Total	70/100 (70%)	Mean 70%	SD 2.83%		24/100 (24%)	Mean 24%	SD 2.83%	
.....									
*Liver:									
Hepatocholangiocarcinoma									
		0/50 (0%)	1/50 (2%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%		0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Ito Cell Tumor Benign									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%		0/100 (0%)	Mean 0%	SD 0%	
.....									
*Liver:									
Mast Cell Tumor									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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		Male				Female			
*Lung:									
Alveolar/Bronchiolar Adenoma									
		5/50 (10%)	9/50 (18%)			2/50 (4%)	0/50 (0%)		
Overall Incidence	Total	14/100 (14%)	Mean 14%	SD 5.66%	Total	2/100 (2%)	Mean 2%	SD 2.83%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma									
		2/50 (4%)	1/50 (2%)			2/50 (4%)	2/50 (4%)		
Overall Incidence	Total	3/100 (3%)	Mean 3%	SD 1.41%	Total	4/100 (4%)	Mean 4%	SD 0%	
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma									
		7/50 (14%)	10/50 (20%)			4/50 (8%)	2/50 (4%)		
Overall Incidence	Total	17/100 (17%)	Mean 17%	SD 4.24%	Total	6/100 (6%)	Mean 6%	SD 2.83%	
.....									
*Lung:									
Hemangiosarcoma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Lung:									
Mast Cell Tumor									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Lymph Node:									
Hemangiosarcoma									
		0/50 (0%)	0/50 (0%)			0/50 (0%)	0/50 (0%)		
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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Route: ORAL
Vehicle: WATER

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		Male				Female			
#Lymph Node: Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Axillary: Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1% SD 1.41%
.....									
#Lymph Node, Mandibular: Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mandibular: Mast Cell Tumor Malignant									
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mesenteric: Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%
.....									
#Lymph Node, Mesenteric: Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0% SD 0%

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Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#Lymph Node, Mesenteric:											
Mast Cell Tumor Malignant											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland:											
Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland:											
Adenocarcinoma											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Mammary Gland:											
Adenoma or Adenocarcinoma											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Mammary Gland:											
Fibroma, Fibroadenoma or Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Mammary Gland:											
Fibroma, Fibroadenoma, Adenocarcinoma, or Adenoma											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	

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Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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Route: ORAL
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		Male				Female			
#Mesentery:									
Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Mesentery:									
Hemangiosarcoma									
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Mesentery:									
Lipoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
#Mesentery:									
Sarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Nose:									
Carcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Nose:									
Polyp									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	0/100	(0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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		Male				Female			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma									
		0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma									
		0/50 (0%)	0/50 (0%)		1/50 (2%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	1/100 (1%)	Mean 1%	SD 1.41%	
.....									
#Oral Mucosa: Squamous Cell Carcinoma									
		0/50 (0%)	0/50 (0%)		0/50 (0%)	0/50 (0%)			
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%	Total	0/100 (0%)	Mean 0%	SD 0%	
.....									
*Ovary: Cystadenoma									
					3/49 (6%)	3/48 (6%)			
Overall Incidence					Total	6/97 (6.19%)	Mean 6.19%	SD 0.09%	
.....									
*Ovary: Granulosa Cell Tumor Benign									
					0/49 (0%)	0/48 (0%)			
Overall Incidence					Total	0/97 (0%)	Mean 0%	SD 0%	
.....									

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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	Male		Female	
*Ovary:				
Granulosa Cell Tumor: Benign, Malignant, NOS				
		0/49 (0%)	0/48 (0%)	
Overall Incidence	Total	0/97 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Granulosa-Theca Tumor Malignant				
		0/49 (0%)	0/48 (0%)	
Overall Incidence	Total	0/97 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Hemangioma				
		0/49 (0%)	2/48 (4%)	
Overall Incidence	Total	2/97 (2.06%)	Mean 2.08%	SD 2.95%
.....				
*Ovary:				
Hemangiosarcoma				
		0/49 (0%)	0/48 (0%)	
Overall Incidence	Total	0/97 (0%)	Mean 0%	SD 0%
.....				
*Ovary:				
Luteoma				
		1/49 (2%)	0/48 (0%)	
Overall Incidence	Total	1/97 (1.03%)	Mean 1.02%	SD 1.44%
.....				
*Ovary:				
Thecoma Benign				
		0/49 (0%)	1/48 (2%)	
Overall Incidence	Total	1/97 (1.03%)	Mean 1.04%	SD 1.47%
.....				

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Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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Male					Female									
*Ovary:														
Thecoma Malignant														
					0/49	(0%)	0/48	(0%)						
Overall Incidence					Total	0/97	(0%)	Mean	0%	SD 0%				
.....														
*Ovary:														
Tubulostromal Adenoma														
					0/49	(0%)	0/48	(0%)						
Overall Incidence					Total	0/97	(0%)	Mean	0%	SD 0%				
.....														
*Ovary:														
Tubulostromal Carcinoma														
					0/49	(0%)	1/48	(2%)						
Overall Incidence					Total	1/97	(1.03%)	Mean	1.04%	SD 1.47%				
.....														
*Pancreas:														
Mast Cell Tumor														
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)			
Overall Incidence	Total	0/100	(0%)	Mean	0%	SD	0%	Total	0/100	(0%)	Mean	0%	SD	0%
.....														
*Parathyroid Gland:														
Carcinoma														
		0/44	(0%)	0/38	(0%)			0/45	(0%)	0/35	(0%)			
Overall Incidence	Total	0/82	(0%)	Mean	0%	SD	0%	Total	0/80	(0%)	Mean	0%	SD	0%
.....														
*Pituitary Gland: Pars Distalis or Unspecified Site:														
Adenoma														
		0/48	(0%)	0/43	(0%)			2/50	(4%)	7/46	(15%)			
Overall Incidence	Total	0/91	(0%)	Mean	0%	SD	0%	Total	9/96	(9.38%)	Mean	9.61%	SD	7.93%

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Version: Oct2022
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
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		Male			Female			
*Pituitary Gland: Pars Distalis or Unspecified Site:								
 Carcinoma or Adenoma								
		0/48 (0%)	0/43 (0%)		2/50 (4%)	7/46 (15%)		
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	9/96 (9.38%)	Mean 9.61%	SD 7.93%
.....								
*Pituitary Gland: Pars Intermedia:								
 Adenoma								
		0/48 (0%)	0/43 (0%)		0/50 (0%)	1/46 (2%)		
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	1/96 (1.04%)	Mean 1.09%	SD 1.54%
.....								
*Pituitary Gland: Pars Intermedia:								
 Carcinoma or Adenoma								
		0/48 (0%)	0/43 (0%)		0/50 (0%)	1/46 (2%)		
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	1/96 (1.04%)	Mean 1.09%	SD 1.54%
.....								
*Pituitary Gland: Pars Intermedia:								
 Schwannoma Malignant								
		0/48 (0%)	0/43 (0%)		0/50 (0%)	0/46 (0%)		
Overall Incidence	Total	0/91 (0%)	Mean 0%	SD 0%	Total	0/96 (0%)	Mean 0%	SD 0%
.....								
*Prostate:								
 Hemangiosarcoma								
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%				
.....								
*Prostate:								
 Mast Cell Tumor								
		0/50 (0%)	0/50 (0%)					
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%				

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 #: Denominator is number of animals necropsied

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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		Male				Female			
*Salivary Glands:									
Adenocarcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Salivary Glands:									
Adenoma or Adenocarcinoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
*Salivary Glands:									
Mast Cell Tumor									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Seminal Vesicle:									
Fibroma									
		0/50	(0%)	0/50	(0%)				
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%				
.....									
#Skeletal Muscle:									
Hemangiosarcoma									
		1/50	(2%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skeletal Muscle:									
Osteosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%

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 #: Denominator is number of animals necropsied

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

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 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#Skeletal Muscle:											
Rhabdomyosarcoma											
		0/50	(0%)	2/50	(4%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skeletal Muscle:											
Rhabdomyosarcoma or Rhabdomyoma											
		0/50	(0%)	2/50	(4%)			0/50	(0%)	1/50	(2%)
Overall Incidence	Total	2/100	(2%)	Mean 2%	SD 2.83%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skeletal Muscle:											
Sarcoma											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Skin:											
Basal Cell Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Basal Cell Adenoma or Basosquamous Tumor Benign											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Skin:											
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
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		Male				Female				
#Skin:										
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma										
Overall Incidence	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%)			
#Skin:										
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma										
Overall Incidence	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%)			
#Skin:										
Fibroma										
Overall Incidence	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%)			
#Skin:										
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Malignant Fibrous Histiocytoma, or Hemangiopericytoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	3/50 (6%)	Mean 4%	SD 2.83%
		0/100 (0%)					4/100 (4%)			
#Skin:										
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma										
Overall Incidence	Total	0/50 (0%)	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	3/50 (6%)	Mean 4%	SD 2.83%
		0/100 (0%)					4/100 (4%)			
#Skin:										
Fibrosarcoma										
Overall Incidence	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%)			

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#Skin:									
Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	3/50	(6%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	4/100	(4%)	Mean 4%	SD 2.83%
.....									
#Skin:									
Hemangioma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Hemangiosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
#Skin:									
Lipoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	0/100	(0%)	Mean 0%	SD 0%
.....									
#Skin:									
Liposarcoma									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%
.....									
#Skin:									
Malignant Fibrous Histiocytoma									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	1/100	(1%)	Mean 1%	SD 1.41%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
#Skin:									
Melanoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	1/50	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%
									SD 1.41%
.....									
#Skin:									
Osteosarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Skin:									
Pilomatrixoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Skin:									
Sarcoma									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Skin: Sebaceous Gland:									
Adenoma									
		0/50	(0%)	1/50	(2%)	0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%
									SD 0%
.....									
#Spinal Cord:									
Astrocytoma Malignant									
		0/50	(0%)	0/50	(0%)	0/50	(0%)	0/50	(0%)
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female					
#Spinal Cord:											
Schwannoma Malignant											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Spleen:											
Hemangiosarcoma											
		4/49	(8%)	0/49	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	4/98	(4.08%)	Mean 4.08%	SD 5.77%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Stomach, Forestomach:											
Mast Cell Tumor Malignant											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Stomach, Forestomach:											
Squamous Cell Carcinoma or Papilloma Squamous											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Stomach, Forestomach:											
Squamous Cell Papilloma											
		0/50	(0%)	0/50	(0%)			1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Stomach, Glandular:											
Adenoma											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male			Female			
#Stomach, Glandular:								
 Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%
.....								
*Testis:								
 Adenoma								
Overall Incidence	Total	0/50 (0%) 1/100 (1%)	1/50 (2%) Mean 1%	SD 1.41%				
.....								
*Testis:								
 Hemangioma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%				
.....								
*Thymus:								
 Hemangiosarcoma								
Overall Incidence	Total	0/45 (0%) 1/91 (1.1%)	1/46 (2%) Mean 1.09%	SD 1.54%	Total	0/49 (0%) 0/96 (0%)	0/47 (0%) Mean 0%	SD 0%
.....								
*Thymus:								
 Thymoma Benign								
Overall Incidence	Total	0/45 (0%) 0/91 (0%)	0/46 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 1/96 (1.04%)	1/47 (2%) Mean 1.06%	SD 1.5%
.....								
*Thyroid Gland: C-Cell:								
 Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/100 (0%)	0/50 (0%) Mean 0%	SD 0%	Total	0/49 (0%) 0/97 (0%)	0/48 (0%) Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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		Male				Female			
*Thyroid Gland: C-Cell: Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/48	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/97	(0%)	Mean 0%
									SD 0%
*Thyroid Gland: Follicular Cell: Adenoma									
		0/50	(0%)	0/50	(0%)	1/49	(2%)	1/49	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/98	(2.04%)	Mean 2.04%
									SD 0%
*Thyroid Gland: Follicular Cell: Carcinoma									
		0/50	(0%)	0/50	(0%)	0/49	(0%)	0/49	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/98	(0%)	Mean 0%
									SD 0%
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma									
		0/50	(0%)	0/50	(0%)	1/49	(2%)	1/49	(2%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	2/98	(2.04%)	Mean 2.04%
									SD 0%
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	1/100	(1%)	Mean 1%
									SD 1.41%
#Tongue: Squamous Cell Papilloma									
		0/50	(0%)	0/50	(0%)	1/50	(2%)	0/50	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	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: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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	Male					Female					
#Tooth:											
Odontoma											
		1/50	(2%)	0/50	(0%)			0/50	(0%)	0/50	(0%)
Overall Incidence	Total	1/100	(1%)	Mean 1%	SD 1.41%	Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
*Urinary Bladder:											
Mast Cell Tumor											
		0/50	(0%)	0/50	(0%)			0/50	(0%)	0/49	(0%)
Overall Incidence	Total	0/100	(0%)	Mean 0%	SD 0%	Total	0/99	(0%)	Mean 0%	SD 0%	
.....											
#Uterus:											
Adenocarcinoma or Adenoma											
							0/50	(0%)	1/50	(2%)	
Overall Incidence	Total					Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Uterus:											
Adenoma											
							0/50	(0%)	1/50	(2%)	
Overall Incidence	Total					Total	1/100	(1%)	Mean 1%	SD 1.41%	
.....											
#Uterus:											
Fibroma											
							0/50	(0%)	0/50	(0%)	
Overall Incidence	Total					Total	0/100	(0%)	Mean 0%	SD 0%	
.....											
#Uterus:											
Granular Cell Tumor Benign											
							0/50	(0%)	0/50	(0%)	
Overall Incidence	Total					Total	0/100	(0%)	Mean 0%	SD 0%	

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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 Report Date: 11/18/2022

	Male		Female	
#Uterus:				
Hemangioma				
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%
.....				
#Uterus:				
Hemangiosarcoma				
		1/50 (2%)	0/50 (0%)	
Overall Incidence	Total	1/100 (1%)	Mean 1%	SD 1.41%
.....				
#Uterus:				
Leiomyoma				
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%
.....				
#Uterus:				
Polyp Stromal				
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%
.....				
#Uterus:				
Sarcoma				
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%
.....				
#Uterus:				
Sarcoma Stromal or Polyp Stromal				
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: ORAL
Vehicle: WATER

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	Male		Female	
#Vagina:				
Hemangioma				
		0/50 (0%)	0/50 (0%)	
Overall Incidence	Total	0/100 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: Whole Body Exposure
Vehicle: AIR

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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
Male							
I. I. T. Research Institute	052010578	06/18/12	729	90(1)	66(687)	51.5	Radiofrequency Radiation
Female							
I. I. T. Research Institute	052010578	06/18/12	739	90(1)	67(704)	62.6	Radiofrequency Radiation

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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 Report Date: 11/18/2022

	Male				Female			
#All Organs:								
Benign Tumors								
		61/90 (68%)			36/90 (40%)			
Overall Incidence	Total	61/90 (67.78%)	Mean 67.78%	SD 0%	Total	36/90 (40%)	Mean 40%	SD 0%
.....								
#All Organs:								
Malignant Tumors								
		49/90 (54%)			33/90 (37%)			
Overall Incidence	Total	49/90 (54.44%)	Mean 54.44%	SD 0%	Total	33/90 (36.67%)	Mean 36.67%	SD 0%
.....								
#All Organs:								
Malignant and Benign Tumors								
		79/90 (88%)			59/90 (66%)			
Overall Incidence	Total	79/90 (87.78%)	Mean 87.78%	SD 0%	Total	59/90 (65.56%)	Mean 65.56%	SD 0%
.....								
#All Organs:								
Hemangioma								
		1/90 (1%)			4/90 (4%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%
.....								
#All Organs:								
Hemangiosarcoma								
		2/90 (2%)			2/90 (2%)			
Overall Incidence	Total	2/90 (2.22%)	Mean 2.22%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%
.....								
#All Organs:								
Hemangiosarcoma or Hemangioma								
		3/90 (3%)			6/90 (7%)			
Overall Incidence	Total	3/90 (3.33%)	Mean 3.33%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%
.....								

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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 Report Date: 11/18/2022

		Male				Female				
#All Organs:										
Histiocytic Sarcoma										
		0/90	(0%)			8/90	(9%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	8/90	(8.89%)	Mean 8.89%	SD 0%
.....										
#All Organs:										
Leukemia: Lymphocytic, Monocytic, Mononuclear, or Undifferentiated										
		0/90	(0%)			0/90	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0%	SD 0%
.....										
#All Organs:										
Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type										
		6/90	(7%)			2/90	(2%)			
Overall Incidence	Total	6/90	(6.67%)	Mean 6.67%	SD 0%	Total	2/90	(2.22%)	Mean 2.22%	SD 0%
.....										
#All Organs:										
Malignant Schwannoma										
		0/90	(0%)			0/90	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0%	SD 0%
.....										
#All Organs:										
Osteosarcoma										
		0/90	(0%)			3/90	(3%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	3/90	(3.33%)	Mean 3.33%	SD 0%
.....										
#All Organs:										
Osteosarcoma or Osteoma										
		0/90	(0%)			3/90	(3%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	3/90	(3.33%)	Mean 3.33%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male				Female				
*Adrenal Cortex:										
Adenoma										
		0/90	(0%)			1/84	(1%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/84	(1.19%)	Mean 1.19%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma Benign										
		0/90	(0%)			0/83	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/83	(0%)	Mean 0%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma Malignant										
		0/90	(0%)			2/83	(2%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/83	(2.41%)	Mean 2.41%	SD 0%
.....										
*Adrenal Medulla:										
Pheochromocytoma: Benign, Complex, Malignant, NOS										
		0/90	(0%)			2/83	(2%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/83	(2.41%)	Mean 2.41%	SD 0%
.....										
*Bone Marrow:										
Hemangiosarcoma										
		0/90	(0%)			0/90	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0%	SD 0%
.....										
*Bone Marrow:										
Mast Cell Tumor Malignant										
		0/90	(0%)			0/90	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0%	SD 0%
.....										

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male				Female				
#Bone:										
Hemangioma										
		0/90	(0%)			1/90	(1%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11%	SD 0%
.....										
#Bone:										
Hemangiosarcoma										
		0/90	(0%)			0/90	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0%	SD 0%
.....										
#Bone:										
Osteosarcoma										
		0/90	(0%)			1/90	(1%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11%	SD 0%
.....										
#Bone:										
Osteosarcoma or Osteoma										
		0/90	(0%)			1/90	(1%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11%	SD 0%
.....										
*Brain:										
Meningioma Malignant										
		0/90	(0%)			0/87	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/87	(0%)	Mean 0%	SD 0%
.....										
*Brain:										
Meningioma: Benign, Malignant, NOS										
		0/90	(0%)			0/87	(0%)			
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/87	(0%)	Mean 0%	SD 0%
.....										

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
*Clitoral/Preputial Gland:								
Mast Cell Tumor								
		1/89 (1%)				0/82 (0%)		
Overall Incidence	Total	1/89 (1.12%)	Mean 1.12%	SD 0%	Total	0/82 (0%)	Mean 0%	SD 0%
.....								
*Epididymis:								
Mast Cell Tumor								
		1/90 (1%)						
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%				
.....								
#Harderian Gland:								
Adenoma								
		6/90 (7%)				4/90 (4%)		
Overall Incidence	Total	6/90 (6.67%)	Mean 6.67%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%
.....								
#Harderian Gland:								
Carcinoma								
		3/90 (3%)				0/90 (0%)		
Overall Incidence	Total	3/90 (3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Harderian Gland:								
Carcinoma or Adenoma								
		9/90 (10%)				4/90 (4%)		
Overall Incidence	Total	9/90 (10%)	Mean 10%	SD 0%	Total	4/90 (4.44%)	Mean 4.44%	SD 0%
.....								
#Harderian Gland:								
Mast Cell Tumor								
		1/90 (1%)				0/90 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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 Vehicle: AIR

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		Male			Female		
#Intestine Small: Duodenum:							
Adenoma							
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Duodenum:							
Carcinoma							
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Ileum:							
Adenoma							
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Adenoma							
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Carcinoma							
Overall Incidence	Total	2/90 (2.22%)	Mean 2.22%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Intestine Small: Jejunum:							
Mast Cell Tumor							
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
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		Male			Female		
#Intestine Small: Site Unspecified:							
Adenoma							
		0/90	(0%)		0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)
							Mean 0%
							SD 0%
.....							
#Intestine Small: Site Unspecified:							
Carcinoma							
		3/90	(3%)		0/90	(0%)	
Overall Incidence	Total	3/90	(3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%)
							Mean 0%
							SD 0%
.....							
#Intestine Small: Site Unspecified:							
Carcinoma or Adenoma							
		3/90	(3%)		0/90	(0%)	
Overall Incidence	Total	3/90	(3.33%)	Mean 3.33%	SD 0%	Total	0/90 (0%)
							Mean 0%
							SD 0%
.....							
#Intestine Small: Site Unspecified:							
Mast Cell Tumor							
		1/90	(1%)		0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)
							Mean 0%
							SD 0%
.....							
*Islets, Pancreatic:							
Adenoma							
		0/88	(0%)		0/87	(0%)	
Overall Incidence	Total	0/88	(0%)	Mean 0%	SD 0%	Total	0/87 (0%)
							Mean 0%
							SD 0%
.....							
*Islets, Pancreatic:							
Carcinoma							
		0/88	(0%)		1/87	(1%)	
Overall Incidence	Total	0/88	(0%)	Mean 0%	SD 0%	Total	1/87 (1.15%)
							Mean 1.15%
							SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
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 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male			Female		
*Islets, Pancreatic:							
 Carcinoma or Adenoma							
		0/88	(0%)		1/87	(1%)	
Overall Incidence	Total	0/88	(0%)	Mean 0%	SD 0%	Total	1/87 (1.15%)
						Mean	1.15%
						SD	0%
.....							
*Kidney: Renal Tubule:							
 Adenoma							
		0/90	(0%)		2/89	(2%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/89 (2.25%)
						Mean	2.25%
						SD	0%
.....							
*Kidney: Renal Tubule:							
 Carcinoma or Adenoma							
		0/90	(0%)		2/89	(2%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/89 (2.25%)
						Mean	2.25%
						SD	0%
.....							
*Kidney: Renal Tubule:							
 Hemangiosarcoma							
		0/90	(0%)		0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89 (0%)
						Mean	0%
						SD	0%
.....							
*Kidney: Renal Tubule:							
 Mast Cell Tumor							
		1/90	(1%)		0/89	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)
						Mean	0%
						SD	0%
.....							
*Kidney: Renal Tubule:							
 Renal Mesenchymal Tumor							
		0/90	(0%)		1/89	(1%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/89 (1.12%)
						Mean	1.12%
						SD	0%

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

Version: Oct2022
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
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		Male			Female		
*Liver:							
Cholangiocarcinoma							
		0/90	(0%)		0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89 (0%)
							Mean 0%
							SD 0%
.....							
*Liver:							
Hemangioma							
		0/90	(0%)		0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89 (0%)
							Mean 0%
							SD 0%
.....							
*Liver:							
Hemangiosarcoma							
		1/90	(1%)		0/89	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)
							Mean 0%
							SD 0%
.....							
*Liver:							
Hepatoblastoma							
		6/90	(7%)		1/89	(1%)	
Overall Incidence	Total	6/90	(6.67%)	Mean 6.67%	SD 0%	Total	1/89 (1.12%)
							Mean 1.12%
							SD 0%
.....							
*Liver:							
Hepatocellular Adenoma							
		52/90	(58%)		19/89	(21%)	
Overall Incidence	Total	52/90	(57.78%)	Mean 57.78%	SD 0%	Total	19/89 (21.35%)
							Mean 21.35%
							SD 0%
.....							
*Liver:							
Hepatocellular Carcinoma							
		28/90	(31%)		8/89	(9%)	
Overall Incidence	Total	28/90	(31.11%)	Mean 31.11%	SD 0%	Total	8/89 (8.99%)
							Mean 8.99%
							SD 0%
.....							

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

Version: Oct2022
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 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
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	Male				Female			
*Liver:								
Hepatocellular Carcinoma or Hepatoblastoma								
		32/90 (36%)			9/89 (10%)			
Overall Incidence	Total	32/90 (35.56%)	Mean 35.56%	SD 0%	Total	9/89 (10.11%)	Mean 10.11%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma or Hepatocellular Adenoma								
		67/90 (74%)			25/89 (28%)			
Overall Incidence	Total	67/90 (74.44%)	Mean 74.44%	SD 0%	Total	25/89 (28.09%)	Mean 28.09%	SD 0%
.....								
*Liver:								
Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma								
		68/90 (76%)			25/89 (28%)			
Overall Incidence	Total	68/90 (75.56%)	Mean 75.56%	SD 0%	Total	25/89 (28.09%)	Mean 28.09%	SD 0%
.....								
*Liver:								
Hepatocholangiocarcinoma								
		1/90 (1%)			0/89 (0%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Ito Cell Tumor Benign								
		0/90 (0%)			0/89 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
.....								
*Liver:								
Mast Cell Tumor								
		1/90 (1%)			0/89 (0%)			
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%

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

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 Contract/Lab: All Laboratories
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female				
*Lung:									
Alveolar/Bronchiolar Adenoma									
		13/90	(14%)			3/90	(3%)		
Overall Incidence	Total	13/90	(14.44%)	Mean 14.44%	SD 0%	Total	3/90 (3.33%)	Mean 3.33%	SD 0%
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma									
		13/90	(14%)			3/90	(3%)		
Overall Incidence	Total	13/90	(14.44%)	Mean 14.44%	SD 0%	Total	3/90 (3.33%)	Mean 3.33%	SD 0%
.....									
*Lung:									
Alveolar/Bronchiolar Carcinoma or Alveolar/Bronchiolar Adenoma									
		23/90	(26%)			6/90	(7%)		
Overall Incidence	Total	23/90	(25.56%)	Mean 25.56%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%
.....									
*Lung:									
Hemangiosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
*Lung:									
Mast Cell Tumor									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Lymph Node:									
Hemangiosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Oct2022
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Toxicology Data Management System
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	Male				Female			
#Lymph Node: Mast Cell Tumor								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Axillary: Hemangioma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mandibular: Mast Cell Tumor								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mandibular: Mast Cell Tumor Malignant								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mesenteric: Hemangioma								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....								
#Lymph Node, Mesenteric: Mast Cell Tumor								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%

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

Version: Oct2022
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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		Male				Female			
#Lymph Node, Mesenteric:									
Mast Cell Tumor Malignant									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Carcinoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Carcinoma or Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma or Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Mammary Gland:									
Fibroma, Fibroadenoma, Carcinoma, or Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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		Male				Female			
#Mesentery:									
Hemangioma									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
.....									
#Mesentery:									
Hemangiosarcoma									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Mesentery:									
Lipoma									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
#Mesentery:									
Sarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....									
*Nose:									
Carcinoma									
		0/90	(0%)			0/89	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
.....									
*Nose:									
Polyp									
		0/90	(0%)			0/89	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89 (0%)	Mean 0%	SD 0%
.....									

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

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	Male				Female			
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Papilloma Squamous or Papilloma								
		0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma								
		0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Oral Cavity (Oral Mucosa, Tongue, Pharynx, Tooth, Gingiva): Squamous Cell Carcinoma, Papilloma Squamous, or Papilloma								
		0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Oral Mucosa: Squamous Cell Carcinoma								
		0/90 (0%)			0/90 (0%)			
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
*Ovary: Cystadenoma								
					2/75 (3%)			
Overall Incidence					Total	2/75 (2.67%)	Mean 2.67%	SD 0%
.....								
*Ovary: Granulosa Cell Tumor Benign								
					1/75 (1%)			
Overall Incidence					Total	1/75 (1.33%)	Mean 1.33%	SD 0%
.....								

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

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	Male	Female
*Ovary:		
Granulosa Cell Tumor: Benign, Malignant, NOS		
Overall Incidence	Total	Mean 1.33% SD 0%
	1/75 (1.33%)	
.....		
*Ovary:		
Granulosa-Theca Tumor Malignant		
Overall Incidence	Total	Mean 0% SD 0%
	0/75 (0%)	
.....		
*Ovary:		
Hemangioma		
Overall Incidence	Total	Mean 2.67% SD 0%
	2/75 (2.67%)	
.....		
*Ovary:		
Hemangiosarcoma		
Overall Incidence	Total	Mean 0% SD 0%
	0/75 (0%)	
.....		
*Ovary:		
Luteoma		
Overall Incidence	Total	Mean 0% SD 0%
	0/75 (0%)	
.....		
*Ovary:		
Thecoma Benign		
Overall Incidence	Total	Mean 0% SD 0%
	0/75 (0%)	
.....		

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

Version: Oct2022
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Male					Female				
*Ovary:									
Thecoma Malignant									
					1/75 (1%)				
Overall Incidence					Total	1/75 (1.33%)	Mean 1.33%	SD 0%	
.....									
*Ovary:									
Tubulostromal Adenoma									
					0/75 (0%)				
Overall Incidence					Total	0/75 (0%)	Mean 0%	SD 0%	
.....									
*Ovary:									
Tubulostromal Carcinoma									
					0/75 (0%)				
Overall Incidence					Total	0/75 (0%)	Mean 0%	SD 0%	
.....									
*Pancreas:									
Mast Cell Tumor									
		1/87 (1%)				0/87 (0%)			
Overall Incidence	Total	1/87 (1.15%)	Mean 1.15%	SD 0%	Total	0/87 (0%)	Mean 0%	SD 0%	
.....									
*Parathyroid Gland:									
Carcinoma									
		0/68 (0%)				0/60 (0%)			
Overall Incidence	Total	0/68 (0%)	Mean 0%	SD 0%	Total	0/60 (0%)	Mean 0%	SD 0%	
.....									
*Pituitary Gland: Pars Distalis or Unspecified Site:									
Adenoma									
		0/86 (0%)				6/80 (8%)			
Overall Incidence	Total	0/86 (0%)	Mean 0%	SD 0%	Total	6/80 (7.5%)	Mean 7.5%	SD 0%	
.....									

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

Version: Oct2022
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Male					Female				
*Pituitary Gland: Pars Distalis or Unspecified Site: Carcinoma or Adenoma									
		0/86	(0%)			6/80	(8%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	6/80 (7.5%)	Mean 7.5%	SD 0%
.....									
*Pituitary Gland: Pars Intermedia: Adenoma									
		0/86	(0%)			0/80	(0%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%
.....									
*Pituitary Gland: Pars Intermedia: Carcinoma or Adenoma									
		0/86	(0%)			0/80	(0%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%
.....									
*Pituitary Gland: Pars Intermedia: Schwannoma Malignant									
		0/86	(0%)			0/80	(0%)		
Overall Incidence	Total	0/86	(0%)	Mean 0%	SD 0%	Total	0/80 (0%)	Mean 0%	SD 0%
.....									
*Prostate: Hemangiosarcoma									
		0/90	(0%)						
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%				
.....									
*Prostate: Mast Cell Tumor									
		1/90	(1%)						
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%				

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
*Salivary Glands:								
Carcinoma								
		0/90	(0%)			0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89	(0%)
								Mean 0%
								SD 0%
.....								
*Salivary Glands:								
Carcinoma or Adenoma								
		0/90	(0%)			0/89	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/89	(0%)
								Mean 0%
								SD 0%
.....								
*Salivary Glands:								
Mast Cell Tumor								
		1/90	(1%)			0/89	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/89	(0%)
								Mean 0%
								SD 0%
.....								
#Seminal Vesicle:								
Fibroma								
		1/90	(1%)					
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%			
.....								
#Skeletal Muscle:								
Hemangiosarcoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
								Mean 0%
								SD 0%
.....								
#Skeletal Muscle:								
Osteosarcoma								
		0/90	(0%)			1/90	(1%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)
								Mean 1.11%
								SD 0%
.....								

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male				Female			
#Skeletal Muscle:									
Rhabdomyosarcoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Skeletal Muscle:									
Rhabdomyosarcoma or Rhabdomyoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Skeletal Muscle:									
Sarcoma									
		1/90	(1%)			0/90	(0%)		
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Basal Cell Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Basal Cell Adenoma or Basosquamous Tumor Benign									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Skin:									
Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Skin:								
Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma								
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma								
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Fibroma								
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
.....								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, Malignant Fibrous Histiocytoma, or Hemangiopericytoma								
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%
.....								
#Skin:								
Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Malignant Fibrous Histiocytoma								
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	6/90 (6.67%)	Mean 6.67%	SD 0%
.....								
#Skin:								
Fibrosarcoma								
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	3/90 (3.33%)	Mean 3.33%	SD 0%

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

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 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
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	Male				Female			
#Skin:								
Fibrosarcoma, Sarcoma, Myxosarcoma, or Malignant Fibrous Histiocytoma								
		1/90 (1%)				5/90 (6%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	5/90 (5.56%)	Mean 5.56%	SD 0%
.....								
#Skin:								
Hemangioma								
		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Hemangiosarcoma								
		1/90 (1%)				2/90 (2%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	2/90 (2.22%)	Mean 2.22%	SD 0%
.....								
#Skin:								
Lipoma								
		1/90 (1%)				1/90 (1%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
.....								
#Skin:								
Liposarcoma								
		0/90 (0%)				0/90 (0%)		
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%
.....								
#Skin:								
Malignant Fibrous Histiocytoma								
		1/90 (1%)				0/90 (0%)		
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%	Total	0/90 (0%)	Mean 0%	SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
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 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Skin:								
Melanoma NOS								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
.....								
#Skin:								
Osteosarcoma								
		0/90	(0%)			1/90	(1%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)
.....								
#Skin:								
Pilomatrixoma								
		1/90	(1%)			0/90	(0%)	
Overall Incidence	Total	1/90	(1.11%)	Mean 1.11%	SD 0%	Total	0/90	(0%)
.....								
#Skin:								
Sarcoma								
		0/90	(0%)			2/90	(2%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	2/90	(2.22%)
.....								
#Skin: Sebaceous Gland:								
Adenoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
.....								
#Spinal Cord:								
Astrocytoma Malignant								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male				Female			
#Spinal Cord:									
Schwannoma Malignant									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
*Spleen:									
Hemangiosarcoma									
		0/87	(0%)			0/86	(0%)		
Overall Incidence	Total	0/87	(0%)	Mean 0%	SD 0%	Total	0/86	(0%)	Mean 0% SD 0%
.....									
#Stomach, Forestomach:									
Mast Cell Tumor Malignant									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%
.....									
#Stomach, Forestomach:									
Squamous Cell Carcinoma or Papilloma Squamous									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11% SD 0%
.....									
#Stomach, Forestomach:									
Squamous Cell Papilloma									
		0/90	(0%)			1/90	(1%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	1/90	(1.11%)	Mean 1.11% SD 0%
.....									
#Stomach, Glandular:									
Adenoma									
		0/90	(0%)			0/90	(0%)		
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)	Mean 0% SD 0%

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Stomach, Glandular:								
Carcinoma or Adenoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
.....								
*Testis:								
Adenoma								
		2/90	(2%)					
Overall Incidence	Total	2/90	(2.22%)	Mean 2.22%	SD 0%			
.....								
*Testis:								
Hemangioma								
		0/90	(0%)					
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%			
.....								
*Thymus:								
Hemangiosarcoma								
		0/75	(0%)			0/85	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0%	SD 0%	Total	0/85	(0%)
.....								
*Thymus:								
Thymoma Benign								
		0/75	(0%)			0/85	(0%)	
Overall Incidence	Total	0/75	(0%)	Mean 0%	SD 0%	Total	0/85	(0%)
.....								
*Thyroid Gland: C-Cell:								
Carcinoma								
		0/89	(0%)			1/86	(1%)	
Overall Incidence	Total	0/89	(0%)	Mean 0%	SD 0%	Total	1/86	(1.16%)
.....								

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
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Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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		Male			Female		
*Thyroid Gland: C-Cell: Carcinoma or Adenoma							
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	1/86 (1.16%)	Mean 1.16% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Adenoma							
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma							
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0% SD 0%
.....							
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma							
Overall Incidence	Total	0/89 (0%)	Mean 0%	SD 0%	Total	0/86 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Carcinoma or Papilloma Squamous							
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
#Tongue: Squamous Cell Papilloma							
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%	Total	0/90 (0%)	Mean 0% SD 0%
.....							
*: Denominator is number of animals with tissues examined microscopically							
#: Denominator is number of animals necropsied							

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male				Female			
#Tooth:								
Odontoma								
		0/90	(0%)			0/90	(0%)	
Overall Incidence	Total	0/90	(0%)	Mean 0%	SD 0%	Total	0/90	(0%)
.....								
*Urinary Bladder:								
Mast Cell Tumor								
		1/87	(1%)			0/86	(0%)	
Overall Incidence	Total	1/87	(1.15%)	Mean 1.15%	SD 0%	Total	0/86	(0%)
.....								
#Uterus:								
Adenocarcinoma or Adenoma								
						0/90	(0%)	
Overall Incidence						Total	0/90	(0%)
.....								
#Uterus:								
Adenoma								
						0/90	(0%)	
Overall Incidence						Total	0/90	(0%)
.....								
#Uterus:								
Fibroma								
						1/90	(1%)	
Overall Incidence						Total	1/90	(1.11%)
.....								
#Uterus:								
Granular Cell Tumor Benign								
						0/90	(0%)	
Overall Incidence						Total	0/90	(0%)
.....								

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

Version: Oct2022
 Contract/Lab: All Laboratories
 Species: MICE
 Strain: B6C3F1/N
 Length of Study: CHRONIC

Toxicology Data Management System
 Tumor Incidence for Selected Control Animal Groups
 Route: Whole Body Exposure
 Vehicle: AIR

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	Male		Female	
#Uterus: Hemangioma				
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%
#Uterus: Hemangiosarcoma				
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%
#Uterus: Leiomyoma				
Overall Incidence	Total	1/90 (1.11%)	Mean 1.11%	SD 0%
#Uterus: Polyp Stromal				
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%
#Uterus: Sarcoma				
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%
#Uterus: Sarcoma Stromal or Polyp Stromal				
Overall Incidence	Total	0/90 (0%)	Mean 0%	SD 0%

*: Denominator is number of animals with tissues examined microscopically

#: Denominator is number of animals necropsied

Version: Oct2022
Contract/Lab: All Laboratories
Species: MICE
Strain: B6C3F1/N
Length of Study: CHRONIC

Toxicology Data Management System
Tumor Incidence for Selected Control Animal Groups
Route: Whole Body Exposure
Vehicle: AIR

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	Male			Female
#Vagina:				
Hemangioma				
			0/90 (0%)	
Overall Incidence		Total	0/90 (0%)	Mean 0% SD 0%

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